

West Virginia University Libraries



3 0802 100748006 0

WEST VIRGINIA
UNIVERSITY
LIBRARIES

This book must not be
taken from the Library
building.

Ag-Eng. Library
West Virginia University

WEST VIRGINIA UNIVERSITY

Publications of the Faculty and Staff 1945-1960



WEST VIRGINIA UNIVERSITY BULLETIN

University Libraries



0767745 7

Book must not
be removed from the Library

CE

CULATE

Ref.

Z 5055

. U5 W4

1962

v. 1

AG. ENG. LIB
REFERENCE

2-35

1.1

WEST VIRGINIA UNIVERSITY BULLETIN

Series 62, No. 10-16, April 1962

Entered as second-class matter July 15, 1929
at the Post Office in Morgantown, W. Va.
Under the act of August 24, 1912. Issued monthly.

Printed under the direction of John Luchok,
University Editor

CONTENTS

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS	1
DIVISION OF AGRICULTURE	1
Agricultural Biochemistry and Nutrition	1
Agricultural Economics and Rural Sociology	3
Agricultural Education	5
Agricultural Engineering	5
Agricultural Extension Service	6
Agronomy and Genetics	7
Animal and Veterinary Science	8
Dairy Science	13
Horticulture	17
Plant Pathology, Bacteriology, and Entomology	19
Poultry Science	26
DIVISION OF FORESTRY	28
DIVISION OF HOME ECONOMICS	30
COLLEGE OF ARTS AND SCIENCES	31
Art	31
Biology	33
Chemistry	36
Classics	41
English	41
Geology and Geography	45
German	47
History	47
Mathematics	51
Philosophy and Psychology	52
Physics	54
Political Science	56
Romance Languages	58
Sociology	59
Speech	60
COLLEGE OF COMMERCE	62
DATA PROCESSING CENTER	65

830205

SCHOOL OF DENTISTRY ..	66
Crown and Bridge Dentistry ..	66
Dental Materials ..	66
Endodontics ..	63
Operative Dentistry ..	66
Oral Pathology ..	66
Oral Surgery ..	67
Orthodontics ..	67
Periodontics ..	67
Prosthodontics ..	67
Social Relations ..	67
COLLEGE OF EDUCATION ..	68
COLLEGE OF ENGINEERING ..	70
Aero-Space Engineering ..	70
Chemical Engineering ..	70
Civil Engineering ..	73
Electrical Engineering ..	71
Industrial Engineering ..	74
Mechanical Engineering ..	71
SCHOOL OF JOURNALISM ..	75
COLLEGE OF LAW ..	76
LIBRARY ..	77
SCHOOL OF MEDICINE ..	78
Biochemistry ..	78
Gross and Neurological Anatomy ..	81
Medicine ..	83
Microanatomy and Organology ..	89
Microbiology ..	91
Obstetrics and Gynecology ..	92
Pathology ..	93
Pediatrics ..	94
Pharmacology ..	95
Physiology ..	99
Radiology ..	109
Surgery ..	109
Visual Education Service ..	116
SCHOOL OF MINES ..	117
SCHOOL OF MUSIC ..	118
Performing Artists ..	119
SCHOOL OF NURSING ..	120
SCHOOL OF PHARMACY ..	121
SCHOOL OF PHYSICAL AND HEALTH EDUCATION, RECREATION, AND SAFETY ..	122
INDEX ..	125

66
66
66
63
66
66
67
67
67
67
67
68
70
70
70
73
74
74
74
75
76
77
78
78
81
83
89
91
92
93
94
95
99
109
109
116
117
118
119
120
121

122
125

FOREWORD

This record of the scientific and scholarly publications and creative works of art, music, and literature of the faculty and staff of West Virginia University in the years 1945 to 1960, was prepared by Miss Lorise Boger, Senior Reference Librarian, under the supervision of Dr. Robert Munn, Director of University Libraries, West Virginia University.

April 1962

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

DIVISION OF AGRICULTURE

AGRICULTURAL BIOCHEMISTRY AND NUTRITION

Lewis, Walter R.

MONOGRAPHS

(joint author) *Nutritional Status Studies in Monongalia County, West Virginia*. WVAES Bulletin 375T, 1955, 31pp.

(joint author) *The Value of Inedible Fats in Pig Rations*. WVAES Bulletin 399, 1957, 7pp.

ARTICLES

"The Effect of Dehydration and Storage on Chemical Composition and Cooking Quality of Carrots." *Proceedings in Food Technology* 29 (1945), 29-34.

(joint author) "Partial Characterization of a Compound Involved in the Blackening of White Potatoes." *Journal of the American Chemical Society* 69 (1947), 521.

"Preservation of Fresh Fruits and Vegetables with Cracked Ice." *Ice and Refrigeration* 112 (1947), 25.

"Polarographic Determination of Organic Peroxides in Non-Aqueous Solutions." *Analytical Chemistry* 21 (1949), 762.

"The Use of the Polarograph to Distinguish Between the Peroxide Structures in Oxidized Fats." *Journal of the American Oil Chemists' Society* 26 (1949), 53.

"The Effect of a High Fat Ration on Swine Gains and Carcass Quality." (Abstract) *45th Annual Meeting of the American Society of Animal Production* (1953).

"Stabilization of Hog Carcass Fats by the Addition of Antioxidants to the Ration." (Abstract) *50th Meeting of the American Society of Animal Production* (1958).

"Effect of Intravenous Tocopherol Injection on Tissue Content and Carcass Fat Stability in Chickens." *Poultry Science* 37 (1958), 301-307.

"Factors Affecting the Determination of Bound Ascorbic Acid in Blood Serum or Animal Tissues." *Archives of Biochemistry and Biophysics* 89 (1960), 21-26.

"The Influence of Dietary Intake of Ascorbic Acid and Protein on Bound Ascorbic Acid in Guinea Pigs." *Biochemical and Biophysical Research Communications* 2 (1960), 464-467.

Luchsinger, Wayne W.

ARTICLES

"A Simple and Accurate Method for Measuring the Volume of Layer Cakes." *Cereal Chemists* 10 (1952), 173.

"A Sensitive Method for Measuring Lipase Activity and Its Application to Wheat Products." *Cereal Chemistry* 32 (1955), 395.

"Characteristics of P³² and O¹⁸ Exchange Reactions Associated with Oxidative Phosphorylation." *Federation Proceedings* 14 (1955), 247.

"Mechanism of Participation of ATP in Enzymic Synthesis." *Federation Proceedings* 14 (1955), 237.

"Direct Oxygen Transfer in Enzymic Syntheses Coupled to Adenosine Triphosphate Degradation." *Journal of the American Chemical Society* 78 (1956), 356.

"O¹⁸ and P³² Exchange Reactions of Mitochondria in Relation to Oxidative Phosphorylation." *Journal of Biological Chemistry* 223 (1956), 405.

"Oxidation in Malting and Brewing." *Brewers Digest* 32, 3 (1957), 60.

"Autolytic Action of Gumases in Malting and Brewing. I. Influence of Malting and Brewing on Barley Gums." *Proceedings of the American Society of Brewing Chemists* (1958), 40-46.

"Autolytic Action of Gumases in Malting and Brewing. II. Enzyme Properties and Kinetics." *Proceedings of the American Society of Brewing Chemists* (1958), 46-53.

"Studies on the Endo-Beta-Glucanase System of Barley Malt." *Cereal Chemistry* 37 (1960), 525-534.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

McLaren, George A.

MONOGRAPHS

- (joint author) *Factors Influencing the Yield and Quality of Sorgo Sirup Produced in West Virginia*. WVAES Bulletin 450, 1961, 9pp.

ARTICLES

- "On the Chemical Nature of the Non-Sugar Constituents of Refiner's Syrup." *Proceedings of the Congrès International des Industries Agricoles* 8 (1950), 18-21.
- "Tentative Methods for the Quantitative Analysis of Colored Compounds in Cane Sugar Products." (Abstract) *Symposium on Non-Sugar Constituents in Commercial Sugar Liquors*. Division of Carbohydrate Chemistry, American Chemical Society (1954), 21D.
- "Utilization of Ammoniated Industrial Products by Cattle." *Journal of Animal Science* 16 (1957), 179-189.
- "Time, Diethylstilbestrol and Vitamin B₁₂ in the Adaptation of Lambs to NPN Utilization." (Abstract) *Journal of Animal Science* 16 (1957), 1034.
- "Utilization by Lambs of Semi-Purified Rations Containing Different Levels and Sources of Roughage." (Abstract) *Journal of Animal Science* 17 (1957), 1052.
- "Biuret and Diethylstilbestrol in Rations for Lambs." *WVAS Proceedings* 29 (1957), 16-22.
- "The Effects of Dietary Vitamin B₁₂ and Diethylstilbestrol Upon the Utilization of Non-Protein Nitrogen." *WVAS Proceedings* 30 (1958), 133-138.
- "The Effect of Different Ration Constituents on Plasma Protein-Bound Iodine Levels of Lambs." (Abstract) *WVAS Proceedings* 30 (1958), 139.
- "A Microbiological Assay for the Determination of the Utilization of NPN Compounds by Rumen Bacteria." (Abstract) *Journal of Animal Science* 17 (1958), 1191.
- "Influence of Wheat Straw, Corn Cobs, Oat Mill Feed and Bagasse Pith Upon Digestibility and Nitrogen Utilization by Lambs." (Abstract) *Journal of Animal Science* 17 (1958), 1198.
- "Metabolic Fecal Nitrogen in Lambs as Determined by Regression and by Low Nitrogen Rations." (Abstract) *Journal of Animal Science* 17 (1958), 1205.
- "Comparative Effects of Urea, Uramite Biuret, Soybean Protein and Creatine on Digestion and Nitrogen Metabolism in Lambs." *Journal of Animal Science* 18 (1959), 134-140.
- "Sarcosine and Creatine as Nitrogen Sources for the Ruminant and the Influence of Supplemental Vitamin B₁₂." *Journal of Animal Science* 18 (1959), 780-789.
- "Unusual Magnitude and Variation of Plasma Protein-Bound Iodine Values of Dairy Cattle." *Journal of Dairy Science* 42 (1959), 1718-1723.
- "Diethylstilbestrol and Length of Preliminary Period in the Utilization of Crude Biuret and Urea by Lambs. I. Digestion and Nitrogen Retention." *Journal of Animal Science* 18 (1959), 1319-1326.
- "Some Metabolic Effects of Diethylstilbestrol and Deoxycorticosterone Acetate in Adrenalectomized and Intact Male Rats." *WVAS Proceedings* 31 (1959), 22-25.
- "Urea Nitrogen Utilization in Lambs as Influenced by Methionine and Tryptophan Supplementation." (Abstract) *Journal of Animal Science* 18 (1959), 1521.
- "Thyroid Stimulation in Rats as a Result of Feeding Grass Silage." (Abstract) *Journal of Animal Science* 18 (1959), 1567.
- "Diethylstilbestrol and Length of Preliminary Period in the Utilization of Crude Biuret and Urea by Lambs. II. Various Aspects of Nitrogen Metabolism." *Journal of Animal Science* 19 (1960), 44-53.
- "Measurement of the Adaptation Response to Urea-Nitrogen Utilization in the Ruminant." *Journal of Nutrition* 71 (1960), 20-26.
- "Casein and Its Degradation Products in the Utilization of Urea Nitrogen by Lambs." *Proceedings of the North Atlantic Section, American Society of Animal Production* (1960), 31:1-31:8.

Reid, Robert Leslie

BOOKS

- (joint author) *Reactions in the Rumen*. London: Edward Arnold Ltd., 1961, 252pp.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

ARTICLES

- "Studies on the Production of Volatile Fatty Acids from Grass by Rumen Liquor in an Artificial Rumen. I. The Volatile Acid Production from Fresh Grass." *Journal of Agricultural Science* 48 (1957), 315-321.
- "Studies on the Production of Volatile Fatty Acids from Grass by Rumen Liquor in an Artificial Rumen. II. The Volatile Fatty Acid Production from Dried Grass." *Journal of Agricultural Science* 49 (1957), 171-179.
- "Studies on the Production of Volatile Fatty Acids from Grass by Rumen Liquor in an Artificial Rumen. III. A Note on the Volatile Fatty Acid Production from Crude Fibre and Grass Cellulose." *Journal of Agricultural Science* 49 (1957), 180-183.
- "Measuring the Nutritive Value of Forages Using the *in vitro* Rumen Techniques." *Proceedings of 8th International Grassland Congress* 4B/3 (1960), 524-528.

VanLandingham, Audrey H.

MONOGRAPHS

- (joint author) *Feeding Value of Hay Stored in Stacks and Mow*. WVAES Bulletin 332, 1948, 16pp.
- (joint author) *Cooperative Nutritional Status Studies in the Northeast Region. VI. Correlations*. WVAES Bulletin 361T, 1953, 48pp.
- (joint author) *Nutritional Status Studies in Monongalia County, West Virginia*. WVAES Bulletin 375T, 1955, 31pp.
- (joint author) *Prepartum Milking of Dairy Cows*. WVAES Bulletin 378T, 1955, 18pp.

ARTICLES

- "Protein Studies with Growing Chickens." *Poultry Science* 24 (1945), 105-111.
- "Deforinated Superphosphates as Phosphorus Supplements for Growing Chickens." *Journal of the Association of Official Agricultural Chemists* 28 (1945), 118-129.
- "Effect of Feeding Iodinated Casein to Dairy Cows on the Protein Composition and Content of Milk." *Journal of Dairy Science* 29 (1946), 533-534.
- (joint author) "Influence of Certain Constituents in the Diet on the pH of the Gastro-Intestinal Tract of the

Rat." *WVAS Proceedings* 18 (1947), 48-52.

- "Inadequacy of Diets Containing Whole-Grain Cereals Supplemented with Soybean Oil Meal for Lactation and Growth of Young Rats." *Archives of Biochemistry* 13 (1947), 475-480.
- "Further Observations on the Effect of Feeding Thyroprotein to Dairy Cows." *Journal of Dairy Science* 30 (1947), 576-577.
- "Effect of Prepartum Milking on Composition of Colostrum." *Journal of Dairy Science* 31 (1948), 685.
- (joint author) "Soybean Oil Meal, Solvent and Hydraulic Cottonseed Meal in Chick Diets." *Poultry Science* 27 (1948), 644-646.
- "Soybean Oil Meal in Poultry Rations. II. Soybean Oil Meal Alone and in Combination with Meat Scrap or Corn Gluten Meal." *Poultry Science* 28 (1949), 521-529.
- "The Relationship of Production of Heifers Milked Prepartum to the Composition of Colostrum." *Journal of Dairy Science* 32 (1949), 559-564.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

Armentrout, Walter W.

MONOGRAPHS

- (joint author) *Inventory of Public Lands in West Virginia*. WVAES Bulletin 335, 1949, 23pp.
- (joint author) *Property Tax Assessment in West Virginia*. WVAES Bulletin 358, 1953, 68pp.
- (joint author) *Farming, Farm People, and Farm Expansion in Fayette, Raleigh, and Summers Counties, West Virginia*. WVAES Bulletin 439, 1959, 12pp.
- (joint author) *Rural Development Problems and Prospects in Fayette, Raleigh, and Summers Counties, West Virginia*. WVAES Bulletin 444, 1960, 21pp.
- (joint author) *Some Effects of Price and Income Support Programs on Marginal Farms*. WVAES Bulletin 451, 1961, 35pp.

ARTICLES

- "Employment and Underemployment of Rural People in the Appalachian Area." *Journal of Farm Economics* 41, (1959), 1076-1083.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

Evans, Homer C.

MONOGRAPHS

- (joint author) *Packing and Shipping Green-Wrapped Tomatoes in Different Types of Containers*. Kentucky Agricultural Experiment Station Bulletin 527, 1948, 19pp.
- (joint author) *The Wholesale Produce Market at Huntington, W. Va.* WVU Department of Agricultural Economics and USDA, 1950, 76pp.
- (joint author) *Wholesale Marketing of Produce in the Beckley, W. Va., Area*. WVU Department of Agricultural Economics and USDA, 1952, 18pp.
- (joint author) *Consumers' Reaction to Tree-Ripe Peaches*. WVAES Circular 94, 1954, 8pp.
- (joint author) *Consumers' Reaction to Price of Tree-Ripe Peaches*. WVAES Circular 95, 1955, 7pp.
- (joint author) *Marketing Appalachian Apples*. WVAES Bulletin 372 1955, 7pp.
- (joint author) *Apple Color — Its Development and Sales Appeal*. WVAES Bulletin 396, 1957, 7pp.
- Competition and Apple Prices—(With Emphasis on Processors in the Appalachian Area)*. WVAES Bulletin 406, 1957, 18pp.
- The Nature of Competition Among Apple Processors in the Appalachian Area*. WVAES Bulletin 405, 1957, 99pp.
- (joint author) *Costs and Mechanical Injury in Handling and Packing Apples*. WVAES Bulletin 416, 1958, 26pp.
- (joint author) *Possibilities for Reducing Apple Packing House Costs*. WVAES Bulletin 436, 1959, 9pp.
- (joint author) *Some Effects of Price and Income Support Programs on Marginal Farms*. WVAES Bulletin 451, 1961, 35pp.

McIntosh, Kenneth D.

MONOGRAPHS

- Characteristics of Livestock Slaughter Plants in Northeastern United States*. WVAES Bulletin 428, 1959, 47pp.

Nesius, Ernest J.

MONOGRAPHS

- Methods and Principles of Farm Development*. Kentucky Agricultural Experiment Station Bulletin 531, 1949, 99pp.
- Allocation of Farm Resources for Economic Production of Pasture Forage*. Kentucky Agricultural Experiment Station Bulletin 568, 1951, 43pp.
- How Farmers Make Pasture Plans to Meet the Uncertainty of Weather*. Kentucky Agricultural Experiment Station Bulletin 575, 1951, 24pp.

CHAPTERS AND SECTIONS

- "Extension Education for Guiding Adjustments." In *Agricultural Adjustment Problems in a Growing Economy*. E. O. Heady, et al. (Ed.) Ames, Iowa: Iowa State College Press, 1956, 225-235.
- "Opportunities and Limitations in Programs for Younger, More Flexible Persons Now in Agriculture." In *Problems and Policies of American Agriculture*. Ames, Iowa: Center for Agricultural Adjustment, Iowa State University, 1959, 357-369.

ARTICLES

- "Some Problems of Joint Use of Theory and Empirical Data in Farm Management Research." *Journal of Farm Economics* 32 (1950) 1169-1181.
- "The Role of an Agricultural Economist in a Farm and Home Development Program—From an Administrator's Viewpoint." *Journal of Farm Economics* 37 (1955), 840-847.
- "Progress in Farm and Home Development." *Proceedings of the American Association of Land-Grant Colleges and State Universities* (1955).
- "A Look at Rural Family Financial Problems in the Changing South." *Proceedings of the Workshop in Family Financial Management* (1956).
- "Grassland Farming in the Extension Program." *Proceedings of the Association of Southern Agricultural Workers* (1956).
- "Appraisal of Farm and Home Development." *Journal of Farm Economics* 39 (1957), 1362-1369.
- "Effective Extension Methods." (Abstract) *Proceedings of the Association of Southern Agricultural Workers* 54 (1957), 17.

Farm De-
agricultural
letin 531.

s for Eco-
re Foragc.
xperiment
43pp.
Plans to
Weather.
xperiment
24pp.

NS
iding Ad-
l Adjust-
ing Econ-
(d.) Ames,
ge Press,

ations In
ore Flex-
iculture."
of Amer-
owa: Cen-
adjustment,
9, 357-369.

Use of
a in Farm
ournal of
50) 1169-

al Econo-
Develop-
Adminis-
trnal of
), 840-847.
e Develop-
American
Colleges
55).

Financial
g South."
orkshop in
management

Extension
the As-
gricultural

ne Devel-
Econom-

ds." (Ab-
Associa-
val Work-

AGRICULTURAL EDUCATION

"The Importance of Economics in Extension Youth Programs." *Proceedings of the Association of Southern Agricultural Workers* (1957).

"The Job of the Supervisor." *Proceedings of the North Central Supervisors' Workshop*, Madison, Wisconsin (1957).

"More Economics in 4-H." (Abstract) *Proceedings of the Association of Southern Agricultural Workers* 55 (1958), 249-251.

the State Bar Association of Wisconsin 19 (1946), 118-119.

EDITORSHIPS

Farm Income Tax. University of Minnesota, Department of Agricultural Economics, 1945, 137pp.

AGRICULTURAL EDUCATION

Nesselroad, Paul E.

MONOGRAPHS

(joint author) *Custom Rates for Farm Jobs in West Virginia*. WVAES Bulletin 371, 1955, 18pp.

Sizer, Leonard M.

MONOGRAPHS

Population Change in West Virginia, 1900-1955 — Population Estimates, Natural Increase, and Net Migration for the Counties. WVAES Bulletin 401, 1957, 7pp.

The Learning Experiences of Youth Groups — A Study of 4-H Clubs in Barbour County. West Virginia. WVAES Bulletin 427, 1959, 31pp.

The Relation of Knowledge to Adoption of Recommended Practices. WVAES Bulletin 446, 1960, 12pp.

BOOK REVIEWS

C. O. Fitzwater, *School District Reorganization*. In *Rural Sociology* 22 (1957), 292.

Toben, George E.

MONOGRAPHS

Custom Rates for Farm Jobs in West Virginia. WVAES Bulletin 371, 1955, 18pp.

What the Farming Situation is Like in Northeastern West Virginia. WVAES Bulletin 397, 1957, 32pp.

(joint author) *West Virginia Farming — A Pictorial Comparison Among Counties*. WVAES Bulletin 433, 1959, 51pp.

ARTICLES

"Calculating the Farmer's Adjusted Gross Income for Federal Income Tax Purposes in 1945." *Bulletin of*

Butler, Russell Clarke

EDITORSHIPS

West Virginia Vo-Ag News and Views, 1-10.

ARTICLES

"Producing and Distributing Teaching Aids." *Agricultural Education Magazine* 30 (1957), 51-59-61.

Swecker, John B.

ARTICLES

"West Virginia Veterans Making Progress Towards Establishment in Farming." *Agricultural Education Magazine* 23 (1951), 226.

"Parent-Son Agreements." *Agricultural Education Magazine* 20 (1958), 11.

"Providing Leadership for FFA." *Agricultural Education Magazine* 31 (1959), 196.

AGRICULTURAL ENGINEERING

Dickerson, Walter H.

MONOGRAPHS

(joint author) *Barn Haydrier—Principles of Design, Installation and Operation*. Tennessee Valley Authority. *Agricultural Engineering Publication* 6, 1945, 129pp.

Pumping Tests on the Ohio Valley Substation Irrigation Well. WVAES Bulletin 435T, 1959, 9pp.

(joint author) *Rainfall Probability and Its Applications*. WVAES Bulletin 454T, 1961, 20pp.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

Longhouse, Alfred D.

BOOKS

- (joint author) *Farmer's Shop Book*, (10th Ed.) Milwaukee: Bruce Publishing Co., 1953, 452pp.

MONOGRAPHS

- (joint author) *The Fluidized-grain Conveyor*. WVAES Bulletin 364, 1953, 19pp.
 (joint author) *Dairy Cows Need Larger Stalls*. WVAES Circular 91, 1954, 5pp.
 (joint author) *Choose Comfortable Stalls for Your Dairy Cows*. WVAES Bulletin 410, 1957, 11pp.
 (joint author) *Liquid Manure Conservation and Use*. WVAES Bulletin 425, 1958, 13pp.
Hay Conditioners in the Northeastern United States. WVAES Bulletin 449, 1960, 31pp.

ARTICLES

- "Performance Characteristics of Long Hay Blowers." *Agricultural Engineering* 30 (1949), 439-441.
 (joint author) "The Application of Fluidization to Conveying Grain." *Agricultural Engineering* 31 (1950), 349-352.
 (joint author) "Comparison of Comfort and Tie-chain Stalls." *Journal of Dairy Science* 34 (1951), 149-153.
 (joint author) "Liquid Manure is Valuable." WVAES Bulletin 357, Pt. 2 (1952), 3, 13.
 (joint author) "Portable Stone Crusher." WVAES Bulletin 363, Pt. 2 (1953), 3, 13.
 "Windowless Poultry House May be Answer." *Farmer of West Virginia* 1, 11 (1955), 6.
 "Chickens Will Grow and Lay in a Windowless Poultry House." *Farmer of West Virginia* 2, 11 (1956), 7.
 (joint author) "Heat and Moisture Design Data for Poultry Housing." *Agricultural Engineering* 41 (1960), 567-576.

AGRICULTURAL EXTENSION SERVICE

Breiding, George H.

MONOGRAPHS

- A Guide to Some of the Common Trees of West Virginia*. (Training Manual for Resident Wildlife Mana-

- gers). Conservation Commission of West Virginia, 1949, 100pp.
Wild Turkey Management in West Virginia. Conservation Commission of West Virginia. Division of Game Management Bulletin 2, 1951, 50pp.

ARTICLES

- (joint author) "Some Autumn Notes on West Virginia Birds." *Redstart* 16 (1947), 30-33.
 "A List of Birds from Big Black Mountain (Ky.)." *Kentucky Warbler* 23 (1947), 1-4.
 "The Range of Individual Bobwhite." *Auk* 64 (1947), 629.
 "Some Fall Migration Notes for Central Ohio." *Redstart* 15 (1947), 1-5.
 "Is West Virginia Facing a Deer Problem?" *West Virginia Conservation* 11 (1948), 4.
 "Notes on the Birds of Jackson and Webster Counties, West Virginia." *Redstart* 16 (1949), 69-71.
 "How Overbrowsing Perils Deer Population in Some Sections of State." *West Virginia Conservation* 12 (1949), 14-15.
 "A List of Summer Brds Recorded in Southern Ohio." *Redstart* 22 (1949), 1-6.
 "Can Bobwhite Come Back?" *West Virginia Conservation* 13 (1950), 17-19.
 "Ornithological Results of the 1950 Foray." (of Brooks Bird Club in Greenbrier County, West Virginia, Part II) 17 (1950), 44-53.
 "Bird Nesting and Breeding Records." 1950 Foray. *Redstart* 18 (1950), 1-9.
 "1952 Century Day Report." (Compilation of Spring Bird Migration Records) *Redstart* 19 (1952), 52-61.
 "Appalachian Region Report." (Seasonal Occurrence of Birds) *Audubon Field Notes* 10 (1956), 383-385.
 "Oglebay's Outdoor Classrooms." *West Virginia Conservation* 24 (1960), 1-5.

EDITORSHIPS

- Mailbag*, 1943-1946.
 (co-editor) *West Virginia Conservation*, 1948-1950.
Redstart, 1953-1956.

Coffindaffer, Billy L.

ARTICLES

- (joint author) "Response of Alfalfa Varieties to Daylength." *Agronomy Journal* 50 (1958), 389-392.

mission of
p.
in West
commission
n of Game
1951, 50pp.

mn Notes
Redstart

Blg Black
y Warbler

Bobwhite."

es for Cen-
(1947), 1-5.
Deer Prob-
ervation 11

ackson and
Virginia."

Deer Pop-
of State."
ervation 12

s Recorded
edstart 22

ek?" West
13 (1950),

the 1950
d Cluh in
t Virginia.

g Records."
(1950), 1-9.

(Compila-
ration Rec-
, 52-61.

ort." (Sea-
s) Audubon
383-385.

oms." West
(1960), 1-5.

Conserva-

of Alfalfa
Agronomy
92.

AGRONOMY AND GENETICS

(joint author) "An Automatic Mechanism for Imposing Photoperiods in Greenhouse Research." *Agronomy Journal* 50 (1958), 283-284.

(joint author) *Cutting Management of Alfalfa and Ladino Clover in the Northeast*. Rhode Island Agricultural Experiment Station Bulletin 356, 1960, 40pp.

AGRONOMY AND GENETICS

Burger, Othmar J.

ARTICLES

"Relations of Manganese to the Carotene and Vitamin Contents of Growing Crop Plants." *Soil Science* 72 (1951), 303-313.

"Technique for Marking Pasture and Hay Plots which are Harvested Frequently." *Agronomy Journal* 44 (1952), 452.

"An Automatic Mechanism for Imposing Photoperiods in Greenhouse Research." *Agronomy Journal* 50 (1958), 283-284.

"Response of Alfalfa Varieties to Day-length." *Agronomy Journal* 50 (1958), 389-392.

Johnson, Melvin W.

MONOGRAPHS

(joint author) *Results of Hybrid Corn Yield Trials in West Virginia, 1956*. WVAES Current Report 17, 1957, 6pp.

(joint author) *Hybrid Corn Performance Trials in West Virginia, 1957*. WVAES Current Report 18, 1958, 10pp.

(joint author) *Hybrid Corn Performance Trials in West Virginia, 1958*. WVAES Current Report 21, 1959, 9pp.

(joint author) *Hybrid Corn Performance Trials in West Virginia, 1959*. WVAES Current Report 24, 1960, 9pp.

Hybrid Corn Performance Trials in West Virginia, 1960. WVAES Current Report 28, 1961, 10pp.

(joint author) *Factors Influencing the Yield and Quality of Sorgo Sirup Produced in West Virginia*. WVAES Bulletin 450, 1961, 9pp.

Jung, Gerald A.

MONOGRAPHS

Forage Climates of the Northeast. Northeast Regional Publication 43, 1959.

ARTICLES

(joint author) "Influence of Soil Potassium and Phosphorus Content on the Cold Resistance of Alfalfa." *Agronomy Journal* 51 (1959), 585-587.

(joint author) "Influence of Extended Storage at a Constant Low Temperature on Cold Resistance and Carbohydrate Reserves of Alfalfa and Medium Red Clover." *Plant Physiology* 35 (1960), 1.

Pohlman, George G.

MONOGRAPHS

(joint author) *Pastures Improved with Tillage Treatment-Seed*. WVAES Bulletin 327, 1947, 43pp.

(joint author) *The Effect of Rate and Frequency of Phosphate Application on Pasture Production*. WVAES Bulletin 330, 1955, 17pp.

(joint author) *Fertilizer Experiments with Tobacco*. WVAES Bulletin 402, 1957, 16pp.

ARTICLES

"Effect of Liming Different Soil Layers on Yield of Alfalfa and on Post Development and Nodulation." *Soil Science* 62 (1946), 255-266.

(joint author) "Comparison of Subsoils and Surface Soils in the Greenhouse as an Aid in Understanding and Reclaiming Soils." *Agronomy Journal* 43, (1951), 259-264.

"The Hills of Home." *Agronomy Journal* 47 (1955), 447-452.

van Eck, Willem A.

CHAPTERS AND SECTIONS

"Timbers and Timber Utilization." In *Gold Coast (Ghana) Government Survey Team Report*, 1952, 135-144.

ARTICLES

"Het Zalker Bos." (The Forest of Zalk). A Study of Forest Communities on River Floodplains. *Amoeba* 29 (1949).

"*Hippocrepis comosa*." A Study of Shorewall Communities in River

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- Floodplains. *Kruipnieuws* 18, 3 (1950).
- "Een Eeuw Hoger Landbouwonderwijs in de Verenigde Staten." (One Century of Land-Grant College Education in the U. S.) *Wageningen Hogeschoolblad* (Wageningen University Journal) 13, 5 (1956).
- (joint author) "The Effect of Copper Carriers on Yield, Copper Content and Quality of Several Crops Grown on Organic Soils." *Michigan Agricultural Experiment Station Quarterly Bulletin* 40, (1957), 98-112.
- "Soil Classification as a Tool in Predicting Forest Growth." *Proceedings of the First North American Forest Soil Conference* (1958), 218-226.
- "Recent Developments in Soil Science." *Soil Conservation Society of West Virginia. Newsletter* (1960), 3-6.
- "Inches or Centimeters." *Soil Profile Horizons* 2, 1 (1961), 11-12.

Veatch, Collins

MONOGRAPHS

- Chemical Weed Control, Recommendations for 1950.* WVAES Circular 65, 1950, 6pp.
- Weed Control—1954 Recommendations.* WVAES Current Report 7, 1954, 8pp.
- Winter Wheat Variety Trials in West Virginia, 1949-1954.* WVAES Bulletin 374, 1955, 12pp.
- Soybean Variety Trials in West Virginia, 1947-1953.* WVAES Bulletin 370, 1955, 13pp.
- Winter Barley Variety Trials in West Virginia, 1949-1955.* WVAES Bulletin 392, 1956, 14pp.
- Weed Control — 1956 Suggestions.* WVAES Current Report 13, 1956, 11pp.
- Weed Control — 1957 Suggestions.* WVAES Circular 101, 1957, 14pp.
- Soybean Variety Trials in West Virginia, 1948-1957.* WVAES Bulletin 438, 1959, 11pp.
- (joint author) *Weed Control — 1959 Suggestions.* WVAES Circular 106, 1959, 19pp.
- (joint author) *Weed Control — 1960 Suggestions.* WVAES Circular 108, 1960, 19pp.
- Spring Oat Variety Trials in West Virginia, 1952-1960.* WVAES Bulletin 458, 1961, 12pp.

ARTICLES

- (joint author) "The Effect of Soil Type, Soil pH, and Simulated Rainfall on the Distribution of DNB in the Soil." *Weeds* 6 (1958), 281-288.
- (joint author) "A Study of 'Erysiphe graminis' Races on Barley in West Virginia." *Plant Disease Reporter* 43 (1959), 1282-1283.
- "Four Years of Weed Control in Corn in West Virginia." *Proceedings of the Northeastern Weed Control Conference* 6 (1952), 217-222.
- "Effect of Some Chemicals on Weed Growth and Corn Production." *Proceedings of the Northeastern Weed Control Conference* 8 (1954), 273-281.
- "Control of Weeds in Corn by Pre-emergence, Emergence and Post-emergence Treatments." *Proceedings of the Northeastern Weed Control Conference* 10 (1956), 6-10.
- "Weed Competition and Corn Yields." *Proceedings of the Northeastern Weed Control Conference* 13 (1959), 135-138.

ANIMAL AND VETERINARY SCIENCE

Anderson, G. C.

ARTICLES

- (joint author) "Vitamins Required by Swine for Growth, With Some Observations on Reproduction." *Journal of Nutrition* 36 (1948), 437.
- (joint author) "Requirement of the Pig for Vitamin B₁₂." *Journal of Nutrition* 40 (1950), 243.
- (joint author) "Adequacy of Synthetic Diets for Growth and Reproduction of Swine." *Journal of Animal Science* 9 (1950), 163.
- (joint author) "Adequacy of Synthetic Diets for Reproduction of Swine." *Proceedings of the Society for Experimental Biology and Medicine* 75 (1950), 288.
- (joint author) "A Hemorrhagic Condition in Chicks Fed Simplified Rations." *Poultry Science* 33 (1954), 120.
- (joint author) "Studies of Infectious Synovitis in Chickens." *American Journal of Veterinary Research* 17 (1956), 747.

fect of Soil
ulated Rain-
n of DNBP
(1958), 281-

of 'Erysiphe
ley in West
se Reporter

ontrol in Corn
ceedings of
Control Con-
22.

als on Weed
uction." *Pro-
Western Weed*
(1954), 273-

orn by Pre-
and Post-
Proceedings
Weed Control
6-10.
Corn Yields."
Northeastern
ce 13 (1959),

ND SCIENCE

Required by
th Some Ob-
action." *Jour-
1948*), 437.
ment of the
' *Journal of*
43.
of Synthetic
Reproduction
Animal Sci-

y of Synthetic
n of Swine."
*society for Ex-
l Medicine* 75

rhagic Condi-
implified Ra-
ce 33 (1954),

of Infectious
s." *American*
Research 17

ANIMAL AND VETERINARY SCIENCE

(joint author) "Control of Infectious
Synovitis. I. Continuous Feedings of
Antibiotics and the Influence of
Diethylstilbestrol and Coccidio-
stats." *Poultry Science* 36 (1957)
144.

(joint author) "The Effects of Dietary
Vitamin B₁₂ and Diethylstilbestrol
Upon the Utilization of Nonprotein
Nitrogen by Lambs." *WVAS Pro-
ceedings* 29/30 (1957-58), 133.

(joint author) "Biuret and Diethyl-
stilbestrol in Rations for Lambs."
WVAS Proceedings 29/30 (1957-58),
16.

"Some of the Economic Aspects of
Injectable Iron in Pig Anemia."
Proceedings of Symposium on Baby
Pig Anemia (Armour & Co. and Na-
tional Hog Farmer) 1958.

(joint author) "Sarcosine and Creatine
as Nitrogen Sources for the Ru-
minant, and the Influence of Sup-
plemental Vitamin B₁₂." *Journal of*
Animal Science 18 (1959), 780.

(joint author) "Comparative Effects
of Urea, Uramite, Biuret Soybean
Protein, and Creatine on Digestion
and Nitrogen Metabolism in
Lambs." *Journal of Animal Science*
18 (1959), 134.

(joint author) "Diethylstilbestrol and
Length of Preliminary Period in the
Utilization of Crude Biuret and
Urea by Lambs. II. Various Aspects
of Nitrogen Metabolism." *Journal of*
Animal Science 19 (1960), 44.

(joint author) "Measurement of the
Adaptation Response to Urea-Nitro-
gen Utilization in the Ruminant."
Journal of Nutrition 71 (1960), 20.

Dozsa, Leslie

BOOKS

Szülészeti Műtétan (Obstetrical Pro-
cedures). Állatorvosi Egyetem, Buda-
pest, Hungary. Körössy nyomda.
1949, 150pp.

ARTICLES

"Művi abortus esete lovon." (Artificial
Abortion in a Mare.) *Magyar Álla-
torvosok Lapja* 3 (1948), 22-23.

"A tehének magzatburokvisszatartás-
ának kezelése bórsavval." (The
Treatment of Retained Afterbirth in
Cows with Boric Acid Powder.)
Magyar Állatorvosok Lapja 3 (1948),
349-350.

"Méhszarylekötéssel való ovariectomiz-
álást követő hyperplasia glandularis
cystica ritka esete fiatal kutyában."
(A Rare Case of Glandularcystic
Hyperplasia Following Ovariectomy
in a Young Dog.) *Magyar Állator-
vosok Lapja* 4 (1949), 141-142.

"Primaer hasúri terhesség ritka esete
macskában." (True Extrauterine
Pregnancy in a Cat.) *Magyar Álla-
torvosok Lapja* 4 (1949), 251-252.

(joint author) "Determination De La
Gravidite Des Juments Par Reaction
Sur Les Grenouilles." *Acta Veter-
inaria (Academiae Scientiarum*
Hungaricae.) 1 (1949), 145-148.

"Ein seltener Fall der Hyperplasia
glandularis cystica nach ovariectomie
infolge Abbindung des Uterushornes
bei einem jungen Hund." *Schweizer*
Archiv für Tierheilkunde 92 (1950),
320-323.

(joint author) "Behandlung der bei
Scheinträchtigkeit auftretenden und
der normal erfolgenden, unerwünschten
Lactation bei Hunden mit Syn-
tetrin." *Schweizer Archiv für Tier-
heilkunde* 92 (1950), 581-588.

(joint author) "Schwangerschaftreac-
tion am Frosch zur Feststellung der
Trächtigkeit bei Stuten." *Schweizer*
Archiv für Tierheilkunde 92 (1950),
178-182.

"Ein seltener Fall von primärer Bauch-
höhlengravidität bei der Katze."
Schweizer Archiv für Tierheilkunde
92 (1950), 106-110.

"Hasmütétet követő valoszínűsített
thrombosis kutyában." (Thrombosis
Following Laparotomy in a Dog.)
Magyar Állatorvosok Lapja 5 (1950),
42.

(joint author) "Uj biológiai reactio
kancak vemhességének megállapi-
tására." (A New Biological Preg-
nancy Test in Mares.) *Magyar Álla-
torvosok Lapja* 5 (1950), 74-78.

(joint author) "Ebek ályaságának
és szülés utáni tejelésének kezelése
Syntestrinnel." (The Treatment of
Pseudocyesis of Dogs with Syntes-
trin.) *Magyar Állatorvosok Lapja* 5
(1950), 246-248.

(joint author) "Vizsgálatok a kísál-
latok hasmütetei során alkalmazott
Spassokukorsky-Kacsergin féle mo-
sakodási módszerrel kapcsolatban."
(Comparative Studies with Ammon-
ium Chloride as a "Scrubbing"
Compound for Washing Hands Be-
fore Operations.) *Magyar Állator-
vosok Lapja* 5 (1950), 392.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- "Klinikai Jegyzetek." (Clinical Notes.) *Magyar Allatorvosok Lapja* 6 (1951), 59-62.
- "A mastitis újabb gyógykezelési módjai a külföldi irodalom tükrében." (New Aspects of the Treatment of Mastitis of Cattle.) *Magyar Allatorvosok Lapja* 6 (1951), 188-191.
- (joint author) "További adatok a békán végezhető kancaterhessegi reactiohoz." (Further Studies on the New Biological Pregnancy Test in Mares.) *Magyar Allatorvosok Lapja* 6 (1951), 172-174.
- (joint author) "Vervizsgálatok nőstény kutyák genitális daganataival kapcsolatban." (Hematological Studies in Bitches Affected with Genital Tumors.) *Magyar Allatorvosok Lapja* 7 (1952), 10-12.
- "Újabb szempontok tehének meddőségének hormonális kezelésében." (New Aspects in the Treatment of Sterility in Cattle with Various Hormones.) *Magyar Allatorvosok Lapja* 7 (1952), 122-125.
- "Tehének ivarzási váladékának és hüvely nyálkahártyakaparáékának mikroszkopos vizsgálata a mesterséges termékenyítés nézőpontjából." (The Correlation between the Changes in the Estrus Mucus and the Optimal Time in Artificial Insemination.) *Magyar Allatorvosok Lapja* 7 (1952), 270-273.
- (joint author) "Az emelt hormonadagok szerepe tehének ovarialis meddőségi kórformáinak gyógykezelésében." (The Role of Larger Hormone Doses in the Treatment of Ovarial Sterility in Cattle.) *Magyar Allatorvosok Lapja* 8 (1953), 244-247.
- (joint author) "Tehének Meddőségének kezelése emelt hormonadagokkal." (The Treatment of Sterility of Cattle with Larger Hormone Doses.) *Magyar Allatorvosok Lapja* 8 (1953), 91-93.
- (joint author) "Új diagnosztikai eljárás tehének maddósége okainak megállapítására." (A New Diagnostic Procedure for Studying the Causes of Sterility in Cattle.) *Magyar Allatorvosok Lapja* 9 (1954), 223-227.
- "Microscopical Examination of Estrus Mucus and Vaginal Mucous Scrapings in Cows with Special Regard to Artificial Insemination." *Acta Veterinaria* (Academiae Scientiarum Hungaricae) 4 (1954), 17-25.
- (joint author) "Biopische Untersuchungen zur Feststellung der Unfruchtbarkeitursachen von Kühen." *Acta Veterinaria* (Academiae Scientiarum Hungaricae) 5 (1955), 99-113.
- (joint author) "Feststellung der Unfruchtbarkeitursachen bei Kühen mit Hilfe des Biopischen Verfahrens." *Acta Veterinaria* (Academiae Scientiarum Hungaricae) 6 (1956), 259-286.
- (joint author) "Beschreibung einer neuen Excisionszange zur Entnahme biopischen Materials aus der Uterusschleimhaut der Kuh." *Acta Veterinaria* (Academiae Scientiarum Hungaricae) 6 (1956), 391-394.
- (joint author) "A tehén méhnyálkahártyájának a petefészkek ciklussal kapcsolatos változásai." (The Correlation Between the Changes in the Uterine Mucosa and the Ovarial Cycle.) *Magyar Allatorvosok Lapja* 11 (1956), 112-114.
- (joint author) "Excizios foga biopsiás anyag vételére a tehén méhnyálkahártyájából." (A New Excision Forceps for taking Uterine Biopsies in Cattle.) *Magyar Allatorvosok Lapja* 11 (1956), 299-300.
- (joint author) "Characteristics of PPLO Isolated from the Genital and Respiratory Tracts of Cattle." *Annals of the New York Academy of Sciences* 79 (1960), 677-685.
- (joint author) "The Uterine Biopsy Technique for Following the Histologic Changes Caused by Vibrio Fetus in the Uterine Mucosa." *American Journal of Veterinary Research* 21 (1960), 878-883.
- "Colostomy for Repair of Atresia of Anus and Rectum in a Pig." *Journal of the American Veterinary Medical Association* 133 (1961), 20-21.

Horvath, Donald J.

EDITORSHIPS

Proceedings of the Symposium on Magnesium and Agriculture. West Virginia University. September, 1959. 217pp.

ARTICLES

(joint author) "Effect of Three Levels of a New Antibiotic, Tetracycline, in a Swine Ration." *Journal of Animal Science* 13 (1954), 899-903.

ische Untersuchung
der Unfrucht-
in Kühen." *Acta
Scientiarum*
5), 99-113.

stellung der Un-
en bei Kühen
otischen Verfah-
ria (Academiae
icae) 6 (1956),

chreibung einer
e zur Entnahme
ls aus der Uter-
Kuh." *Acta Vet-
ae Scientiarum*
5), 391-394.

hén méhnyálka-
tefészecskelussal
ai." (The Corre-
Changes in the
nd the Ovarial
atorvosok Lapja

ios fogo biopsiás
hén méhnyálka-
ew Excision For-
erine Biopsies in
atorvosok Lapja

aracteristics of
the Genital and
of Cattle." *Am-
ork Academy of*
677-685.

Uterine Biopsy
owing the Histo-
used by Vibrio
e Mucosa." *Amer-
erinary Research*

ir of Atresia of
in a Pig." *Jour-
ican Veterinary*
u 138 (1961), 20-

J.

HIPS

Symposium on
griculture. West
ity. September,

LES

ct of Three Levels
otic, Tetracycline,
." *Journal of Ani-
954), 899-903.*

ANIMAL AND VETERINARY SCIENCE

(joint author) "Histidine Require-
ment of Baby Pigs." *Journal of Nu-
trition* 60 (1956), 619-629.

(joint author) "Cautions Regarding
the Use of Anthraquinone Violet as
an Indicator in Digestion and Ab-
sorption Studies." *Journal of Ani-
mal Science* 16 (1957), 688-691.

(joint author) "An Emulsion Suitable
for the Quantitative Intravenous In-
troduction into Animals of Fat-
Soluble Substances, Especially
Dyes." (Abstract) *Journal of Ani-
mal Science* 16 (1957), 1110.

(joint author) "Microflora of Intes-
tinal Contents and Feces of Pigs
Fed Different Diets Including Pigs
Showing Parakeratosis." *Journal of
Animal Science* 17 (1958), 714-722.

(joint author) "Diurnal Variations in
the Composition of Swine Feces." *Journal of Animal Science* 17
(1958), 869-874.

"So-Called 'Grass Tetany' in West
Virginia: Survey and Laboratory
Findings." *Proceedings of the Sym-
posium on Magnesium and Agricul-
ture*, 1959, 197-214.

(joint author) "Swine Self-Feeders:
A Comparison of Wastage and De-
sign." (Abstract) *Journal of Animal
Science* 19 (1960), 1267-1268.

Kidder, Harold E.

ARTICLES

(joint author) "A Study of Ovulations
in Six Families of Holstein-Fries-
ians." *Journal of Dairy Science* 35
(1952), 436.

(joint author) "Comparative Fertiliza-
tion Rates of Bulls of High and
Low Nonreturn Rates." Interna-
tional Congress of Physiology and
Pathology of Animal Reproduction
and of Artificial Insemination Re-
port 2 (1952), 183-187.

(joint author) "The Use of Antibiotics
of Low Fertility Cows." *Journal of
the American Veterinary Medical
Association* 130 (1952), 436.

(joint author) "Inflammatory Re-
sponse of the Bovine Endometrium." *American Journal of Veterinary Re-
search* 14 (1953), 179.

(joint author) "Bactericidal Activity
of the Uterus in the Rabbit and
Cow." *American Journal of Veterin-
ary Research* 15 (1954), 247.

(joint author) "Fertilization Rates
and Embryonic Death Rates in

Cows Bred to Bulls of Different
Levels of Fertility." *Journal of Dairy
Science* 37 (1954), 691.

(joint author) "Some Effects of Estro-
gen Injections on the Estrual Cycle
of Gilts." *Journal of Animal Science*
14 (1955), 470.

(joint author) "The Embryonic Mor-
tality Between 16 and 34 Days Past
Breeding." *Journal of Dairy Science*
38 (1955), 673.

(joint author) "Effect of Progesterone
Therapy on Embryo Survival in
Cows of Lowered Fertility." *Journal
of Dairy Science* 39 (1956), 456-461.

McBee, James L., Jr.

ARTICLES

"Color Stability of Frozen Beef as
Influenced by Illumination, Tem-
perature, and Storage." *Food Tech-
nology* 11 (1957), 31.

"The Influence of Freezing on Shear
and Taste Panel Evaluations of
Beef." *Journal of Animal Science*
18 (1959), 1477.

"Meat Acceptance Studies." *University
of Missouri Bulletin* 751 (1960), 32-
33.

"Time and Temperature Tolerances in
Frozen Beef and Pork." *Food Tech-
nology* 14 (1960), 32.

Olson, Norman O.

CHAPTERS AND SECTIONS

"Infections Synovitis." In *Avian Dis-
eases*, H. E. Diester and L. H.
Schwarte. (Fourth Ed.) Ames:
Iowa State University Press, 1959,
Chapter 27.

ARTICLES

"The Use of Streptomycin and Dihydo-
streptomycin for Infectious Sinusitis
of Turkeys." *Journal of the Ameri-
can Veterinary Medical Association*
68 (1951), 174-175.

"Respiratory Diseases of Poultry." *WVAES Bulletin* 357 (1952), 7.

(joint author) "Collection and Stor-
age of Chicken Plasma for Tissue
Culture." *Science* 117 (1953), 156-
158.

"A Respiratory Disease (Bronchitis)
of Quail Caused by a Virus." *Pro-
ceedings of the U. S. Livestock Sani-
tary Association* (1954), 171-174.

(joint author) "Enlarged Joint Condi-
tion in Poultry Caused by an In-

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- fectious Agent." *Proceedings of the West Virginia Feed Dealers Short Course*, Morgantown, West Virginia, 1954.
- (joint author) "Concurrent Coccidiosis and Newcastle Disease and the Use of Sulfaquinoxaline to Control Coccidiosis." *Proceedings of the North Eastern Conference on Poultry Disease Control*, Raleigh, North Carolina, 1954.
- (joint author) "Sulfaquinoxaline Preventative Medication—Its Effect on the Subsequent Laying Performance of Pullets." *WVAES Bulletin* 363 (1954), 7-8.
- (joint author) "Infectious Anemia—Synovitis." *WVAES Bulletin* 369 (1955), 4-5.
- (joint author) "The Production of Synovitis in Chickens by Agents from Different Sources Isolated in the Yolk Sac of Embryonating Chicken Eggs." (Abstract) *Poultry Science* 34 (1955), 1213.
- (joint author) "Studies of Infectious Synovitis in Chickens." *American Journal of Veterinary Research* 17 (1956), 747-754.
- (joint author) "Preliminary Blood Studies in Chickens with a Synovitis Caused by the Infectious Synovitis Agent Pleuropneumonia-like Organisms and a Combination of the Two Agents." *Avian Diseases* 1 (1957), 82-91.
- (joint author) "Infectious Synovitis Control by Medication — Effect of Strain Differences and Pleuropneumonia-like Organisms. *American Journal of Veterinary Research* 18 (1957), 735-739.
- (joint author) "Infectious Synovitis Control 2. A Comparison of Levels of Antibiotics." *American Journal of Veterinary Research* 18 (1957), 200-203.
- (joint author) "Vaginal Temperature of Dairy Cows Before and After Calving." *Journal of the American Veterinary Medical Association* 131 (1957), 381-383.
- (joint author) "Control of Infectious Synovitis 1. Continuous Feeding of Antibiotics and the Influence of Diethylstilbestrol and Coccidiostats." *Poultry Science* 36 (1957), 114-121.
- (joint author) "Control of Infectious Synovitis 3. The Efficacy of Chlorotetracycline with Relation to Time of Experimental Infection." *Poultry Science* 36 (1957), 1016-1022.
- (joint author) "Control of Infectious Synovitis 9. The Efficacy of Dihydrostreptomycin Sulfate as Related to the Time of Experimental Infection." *Antibiotics Annual* 1 (1957-58), 272-278.
- (joint author) "Control of Infectious Synovitis 4. Antibiotics and Nitrofurans." *Poultry Science* 37 (1958), 610-614.
- (joint author) "Control of Infectious Synovitis in Chickens 6. Chlorotetracycline in Field Experiments." *Journal of the American Veterinary Medical Association* 132 (1958), 477-482.
- (joint author) "Infectious Synovitis Control 10. Chlorotetracycline in Chicks, Inoculated at One Day of Age." *Proceedings of the U. S. Livestock Sanitary Association* (1958), 201-209.
- (joint author) "Control of Infectious Synovitis 11. The Potentiating Effect of Terephthalic Acid on Chlorotetracycline." *Avian Diseases* 2 (1958), 450-455.
- (joint author) "Infectious Synovitis and Other Diseases of Poultry." *WVAES Bulletin* 422, (1958), 8-9.
- (joint author) "The Incidence of Caseous Exudate in the Air Sacs of Cull Chicks and the Embryos of Pipped Eggs Following Antibiotic Injection of the Breeders." (Abstract) *Avian Diseases* 2 (1958), 542.
- (joint author) "Control of Infectious Synovitis 5. Continuous and Intermittent Feeding of Chlorotetracycline and Furazolidone." *Poultry Science* 38 (1959), 576-579.
- (joint author) "Control of Chronic Respiratory Disease 1. The Effects of Chlorotetracycline (CTC) and Terephthalic Acid (TPA)." *Avian Diseases* 3 (1959), 443-451.
- (joint author) "Control of Infectious Synovitis 7. Comparison of Tetracycline Antibiotics." *Poultry Science* 38 (1959), 1309-1315.
- (joint author) "Control of Infectious Synovitis 8. Degree of Infection as Influenced by Medication with Furazolidone and Chlorotetracycline." *Avian Diseases* 3 (1959), 312-321.
- "Transmissible Synovitis of Poultry." *Laboratory Investigation* 8 (1959), 1384-1393.
- (joint author) "Characteristics of PPLO Isolated from the Genital and Respiratory Tracts of Cattle. *Annals*

ection." *Poultry*
1916-1922.

ol of Infectious
fficacy of Di-
Sulfate as Re-
f Experimental
ics *Annual*

ol of Infectious
tics and Nitro-
ence 37 (1958).

ol of Infectious
s 6. Chlortetra-
periments." *Jour-
Veterinary Med-
(1958), 477-482.*
tious Synovitis
etracycline in
at One Day of
the U. S. Live-
ociation (1958).

ol of Infectious
Potentiating Ef-
Acid on Chlor-
n Diseases 2

tious Synovitis
s of Poultry."
2, (1958), 8-9.

Incidence of
the Air Sacs of
he Embryos of
ving Antibiotic
Breeders." (Ab-
es 2 (1958), 542.
ol of Infectious
ous and Inter-
chlortetracycline
Poultry Science

rol of Chronic
1. The Effects
(CTC) and Ter-
A)." *Avian Dis-
51.*

rol of Infectious
rison of Tetra-
Poultry Science

ol of Infectious
of Infection as
ation with Fura-
chlortetracycline."
959), 312-321.
itis of Poultry."
ation 8 (1959).

characteristics of
the Genital and
of Cattle. *Annals*

of the New York Academy of Science
79 (1960), 677-685.

(joint author) "The Uterine Biopsy
Technique for Following the Histo-
logic Changes Caused by *Vibrio*
fetus in the Uterine Mucosa." *Amer-
ican Journal of Veterinary Research*
21 (1960), 878-883.

(joint author) "Control of Chronic
Respiratory Disease II. The Effect
of Low Calcium Diet, Terephthalic
Acid and Chlortetracycline." *Avian
Diseases* 4 (1960), 413-418.

(joint author) "Control of Chronic
Respiratory Disease III. Isolation of
Mycoplasma as Influenced by Po-
tentiated Chlortetracycline and
Time Interval After Exposure." *Avian
Diseases* 4 (1960), 419-428.

"The Diagnosis of Infectious Syno-
vitis." *Proceedings of the U. S. Live-
stock Sanitary Association* 64
(1960), 424-426.

(joint author) "Colostomy for Repair
of Atresia of Anus and Rectum in
a Pig." *Journal of the American
Veterinary Medical Association* 138
(1961), 20-21.

Welch, James A.

ARTICLES

(joint author) "Pituitary Activity of
Sheep in Relation to Breeding Sea-
son." *Journal of Animal Science* 11
(1952), 646-655.

(joint author) "Biuret and Diethyl-
stilbestrol in Rations for Lambs." *WVAS Proceedings* 29 (1957), 16-22.

(joint author) "The Effects of Dietary
Vitamin B₂ and Diethylstilbestrol
Upon the Utilization of Non-Protein
Nitrogen by Lambs." *WVAS Pro-
ceedings* 30 (1958), 133-138.

(joint author) "Sarcosine and Crea-
tine as Nitrogen Sources for the
Ruminant, and the Influence of
Supplemental Vitamin B₂." *Journal
of Animal Science* 18 (1959), 780-
789.

(joint author) "Comparative Effects
of Urea, Uramite, Biuret, Soybean
Protein, and Creatine on Digestion
and Nitrogen Metabolism in
Lambs." *Journal of Animal Science*
18 (1959), 134-140.

(joint author) "Diethylstilbestrol and
Length of Preliminary Period in the
Utilization of Crude Biuret and Urea
by Lambs. I. Digestion and Nitrogen
Retentions." *Journal of Animal Sci-*

ence 18 (1959), 1319-1326; "II. Vari-
ous Aspects of Nitrogen Metabo-
lism." *Journal of Animal Science* 19
(1960), 44-53.

(joint author) "Measurement of the
Adaptation Response to Urea-Nitro-
gen Utilization in the Ruminant." *Journal of Nutrition* 71 (1960), 20-
26.

DAIRY SCIENCE

Ackerman, Richard A.

MONOGRAPHS

(joint author) *Pasture Fertilization
Experiments at Reyman Memorial
Farms.* WVAES Bulletin 324, 1945.
24pp.

(joint author) *Prepartum Milking of
Dairy Cows.* WVAES Bulletin 378T,
1955, 18pp.

(joint author) *The Response of Dairy
Calves to Rumen Inoculation and
Various Feeding Methods.* WVAES
Bulletin 395, 1957, 19pp.

*Starting Dairy Calves on Milk Re-
placer Means More Milk to Market.*
WVAES Circular 111, 1960, 3pp.

ARTICLES

"Some Effects of Prepartum Milking
on the Performance of Cows and
Calves." *Journal of Dairy Science*
32 (1949), 719.

"The Effect of Prepartum Milking on
the Ascorbic Acid and Riboflavin
Content of Colostrum at Parturi-
tion." *Journal of Dairy Science* 32
(1949), 720.

"The Relation of Production of Heif-
ers Milked Prepartum to the Com-
position of Colostrum." *Journal of
Dairy Science* 32 (1949), 559.

"Prepartum II. Some Effects on Pro-
duction of Cows and Growth of
Calves." *Journal of Dairy Science*
34 (1951), 503.

"Methods of Feeding and Rumen Inoc-
ulation As They Effect the Growth
and Development of Young Dairy
Calves." *Journal of Dairy Science* 38
(1955), 607.

"Raising Dairy Calves and Heifers." *Rural New Yorker* 106 (1956), 633.

"Starter Ration Helps Dairy Calves
Grow." WVAES Bulletin 382, Pt. I,
1956, 6.

"Does Prepartum Milking Pay?" *Hoard's Dairyman* 101 (1956), 1011.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- "Does Prepartum Milking Pay?" (Abstract) *Journal of Dairy Science* 39 (1956), A102.
- "Dairy Calves Do Not Benefit From Cud Inoculation." *WVAES Bulletin* 393, Pt. 2 (1957), 4.
- "Does Prepartum Milking Pay?" *Dairy Science Abstracts* (English) 19 (1957), 95.
- "Effects of the Duration of Whole Milk Feeding on Growth of Dairy Calves." *Dairy Science Abstracts* (English) 20 (1958), 845.
- "Effects of the Duration of Whole Milk Feeding on Growth of Dairy Calves." *Journal of Dairy Science* 41 (1958), 743.
- Journal of Dairy Science* 40 (1957), 698-702.
- "Effect of pH on the Life Span and Metabolism of Bovine Sperm Kept at Room Temperatures." *Journal of Dairy Science* 41 (1958), 1803-1812.
- "Prolonged Maintenance of Metabolically and Functionally Active Bovine Sperm at Room Temperatures." *Journal of Dairy Science* 42 (1959), 932.
- "Coconut Milk Citrate — Egg Yolk as an Extender for Bovine Sperm at Low Temperatures." *Journal of Dairy Science* 42 (1959), 931.
- (joint author) "Measurement of the Adaptation Response to Urea-Nitrogen Utilization in the Ruminant." *Journal of Nutrition* 71 (1960), 20-26.

Dunbar, R. S., Jr.

MONOGRAPHS

- (joint author) *Locating Outstanding Bulls in Artificial Breeding*. WVAES Bulletin 386T, 1956, 9pp.
- (joint author) *Reproduction in the West Virginia University Dairy Herds*. WVAES Bulletin 412T, 1958, 16pp.

ARTICLES

- "Improving Dairy Herds by 'Sampling' Bulls." *Farm Research* 18 (1952), 3.
- "Heritability of Fertility in Dairy Cattle." *Journal of Dairy Science* 36 (1953), 1063-1071.
- "Modifications of the Approved Dam Program." *Ayrshire Digest* 41 (1955), 5-7.
- "Frozen Semen for Planned Matings." *WVAES Bulletin* 382, Pt. 2 (1955), 3-9.
- "Genetic Analysis of the Components of Type Conformation and Production in Ayrshire Cows." *Journal of Dairy Science* 38 (1955), 423-437.
- "Reversible Inhibition of Motility and Respiration in Bovine Spermatozoa." *Anatomical Record* 125 (1956), 632.
- "The Correlations Between Broiler Qualities, The Heritability Estimates of These Qualities and the Use of Selection Indexes in Chickens." (Abstract) *Poultry Science* 35 (1956), 1137.
- "The Relative Usefulness of Combinations of Laboratory Tests for Predicting the Fertility of Bovine Semen." *Journal of Dairy Science* 39 (1956), 1542-1549.
- "Correlations Between Type Components of Ayrshire Heifers and Cows."

Mitchell, Ralph G.

ARTICLES

- "Comparison of Age Conversion Factors for Ayrshire Butterfat Records." *Journal of Dairy Science* 41 (1958), 751.
- "The Approved Dam Plan." *Ayrshire Digest* 46 (1960), 426-427.

Norman, Charles

ARTICLES

- (joint author) "A Quantitative Study of Sulfhydryl Groups During Embryonic Development." (Abstract) *Anatomical Record* 117 (1953), 519-520.
- "Quantitative Study of Distribution of Sulfhydryl Groups in the Developing Grasshopper (*Melanoplus differentialis*) Embryo." *Physiological Zoology* 27 (1954), 141-156.
- (joint author) "Reversible Inhibition of Motility and Respiration in Bovine Spermatozoa." (Abstract) *Anatomical Record* 125 (1956), 632.
- (joint author) "Intracellular Distribution of Sulfhydryl Groups in Livers of Tumorous and Non-Tumorous Rats." (Abstract) *Federation Proceedings* 16 (1957), 95.
- (joint author) "Inhibition and Reactivation of Bovine Sperm Stored at Room Temperatures." (Abstract) *Anatomical Record* 131 (1958), 535.
- (joint author) "The Effect of pH on the Life Span and Metabolism of

ence 40 (1957).

Life Span and
ne Sperm Kept
es." *Journal of*
958), 1803-1812.
ce of Metabolic-
y Active Bovine
Temperatures."
ence 42 (1959),

— Egg Yolk
Bovine Sperm
es." *Journal of*
959), 931.

urement of the
to Urea-Nitro-
he Ruminant."
on 71 (1960).

onversion Fac-
Butterfat Rec-
iry Science 41

Plan." *Ayrshire*
S-427.

ntitative Study
s During Em-
t." (Abstract)
17 (1953), 519-

Distribution of
the Developing
oplus differen-
ysiological Zo-
156.

ible Inhibition
piration in Bo-
(Abstract) *Ana-*
(1956), 632.

llular Distribu-
roups in Livers
Non-Tumorous
ederation Pro-
5.

ion and Reac-
erm Stored at
." (Abstract)
31 (1958), 585.
fect of pH on
Metabolism of

DAIRY SCIENCE

Porterfield, Ira D.

MONOGRAPHS

(joint author) *Dairy Cows Need
Larger Stalls*. WVAES Circular 91,
1954, 8pp.

(joint author) *The Response of Dairy
Calves to Rumens Inoculation and
Various Feeding Methods*. WVAES
Bulletin 395, 1957, 19pp.

(joint author) *Choose Comfortable
Stalls for Your Dairy Cows*. WVAES
Bulletin 410, 1957, 12pp.

ARTICLES

"A Comparison of Comfort and Tie
Chain Stalls." *Journal of Dairy Sci-*
ence 34, (1951), 149-153.

"Will Cows Produce More in Larger
Stalls?" *Hoards Dairyman* 97
(1952), 421.

"The Reymann Memorial Ayrshire
Herd of W. V. U." *Ayrshire Digest*
39 (1953), 815.

"Correlation Between Type Compo-
nents of Ayrshire Heifers and
Cows." *Journal of Dairy Science* 40
(1957), 698.

"Vaginal Temperature of Dairy Cows
Before and After Calving." *Journal
of the American Veterinary Medical
Association* 131 (1957), 381-383.

"W. V. U. Dairy Herds are Champion
Producers." WVAES Bulletin 393,
Pt. 3 (1957), 12.

"Effect of pH on the Life-Span and
Metabolism of Bovine Sperm Kept
at Room Temperatures." *Journal of
Dairy Science* 41 (1958), 1803-1812.

"Inhibition and Reactivation of Bo-
vine Sperm Stored at Room Tem-
peratures." (Abstract) *Anatomical
Record* 131 (1958), 585.

"Livability of Bovine Spermatozoa at
Room Temperatures in a Coconut
Milk-Citrate-Calcium Carbonate Di-
luent." (Abstract) *Journal of Dairy
Science* 41 (1958), 733.

"Comparison of Age Conversion Fac-
tors for Ayrshire Butterfat Rec-
ords." (Abstract) *Journal of Dairy
Science* 41 (1958), 751.

"Magnitude and Variations in Plasma
PBI Values in Ayrshire Cattle at
the W. Va. Agricultural Experiment
Station." (Abstract) *Journal of
Dairy Science* 41 (1958), 728.

"Effect of Visible Light on Motility,
Life-Span and Respiration of Bo-
vine Spermatozoa." (Abstract) *Jour-
nal of Dairy Science* 42 (1959), 937.

Bovine Sperm Kept at Room Tem-
peratures." *Journal of Dairy Science*
41 (1958), 1803-1812.

(joint author) "Low Temperature Sur-
vival of Bovine Sperm in a Coconut
Milk Citrate-Egg Yolk Medium."
(Abstract) *Anatomical Record* 134
(1959), 617.

(joint author) "Prolonged Mainte-
nance of Metabolically and Function-
ally Active Bovine Sperm at Room
Temperatures." (Abstract) *Anatom-
ical Record* 134 (1959), 616.

(joint author) "Effect of Light on
Motility, Life-Span and Respiration
of Bovine Spermatozoa." (Abstract)
Science 130 (1959), 624.

(joint author) "Studies in the Physiol-
ogy and Biochemistry of Germ
Cells. I. The Effect of Aging on
Respiration and Glycolysis in Bo-
vine Spermatozoa." (Abstract) *Ana-
tomical Record* 137 (1960), 383-384.

(joint author) "Studies in the Physi-
ology and Biochemistry of Germ
Cells. II. Action Spectrum for the
Photodynamic Sensitization of
Sperm to Light." (Abstract) *Ana-
tomical Record* 137 (1960), 384.

(joint author) "Studies in the Physi-
ology and Biochemistry of Germ
Cells. III. The Effect of Dinitro-
phenol on Sperm." (Abstract) *Ana-
tomical Record* 137 (1960), 384.

(joint author) "Studies in the Physi-
ology and Biochemistry of Germ
Cells. IV. Fertilizing Capacity of
Bovine Sperm Maintained at Room
Temperatures in Coconut Milk Ex-
tender." (Abstract) *Anatomical
Record* 137 (1960), 384-385.

"Prolonged Survival of Human Sperm
in Chemically Defined Media at
Room Temperatures." *Nature* 188
(1960), 760.

"Survival of Spermatozoa in Coconut
Milk Extenders." *International Jour-
nal of Fertility* 5 (1960) 437-440.

(joint author) "A Chemically Defined
Maintenance Medium for Bovine
Sperm." (Abstract) *Anatomical Rec-
ord* 138 (1960), 374.

(joint author) "Prolonged Survival of
Human Sperm and Other Mamma-
lian Sperm in Chemically Defined
Media at Room Temperatures."
(Abstract) *Anatomical Record* 138
(1960), 374.

(joint author) "Studies on the Metab-
olism of Fowl Spermatozoa." (Ab-
stract) *Anatomical Record* 138
(1960), 351.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- "Coconut Milk Citrate Plus Egg Yolk as an Extender for Bovine Sperm at Low Temperatures." (Abstract) *Journal of Dairy Science* 42 (1959) 931.
- "Prolonged Maintenance of Metabolically and Functionally Active Bovine Sperm at Room Temperatures." (Abstract) *Anatomical Record* 134 (1959), 616; *Journal of Dairy Science* 42 (1959), 932.
- "Antibody Response of the Bovine Udder." *Veterinary Medicine* 54 (1959), 1-4, 11.
- "Effect of Light on Motility, Life-Span and Respiration of Bovine Spermatozoa." (Abstract) *Science* 130 (1959), 624-625; *Anatomical Record* 134 (1959), 616; *Journal of Dairy Science* 42 (1959), 937.
- "Unusual Magnitude and Variation of Plasma Protein-Bound Iodine Values of Dairy Cattle." *Journal of Dairy Science* 42 (1959), 1718-1723.
- "Thyroid Stimulation in Rats as a Result of Feeding Grass Silage." (Abstract) *Journal of Animal Science* 18 (1959), 1567-1568.
- "Low Temperature Survival of Bovine Sperm in a Coconut Milk Citrate-Egg Yolk Medium." (Abstract) *Anatomical Record* 134 (1959), 617.
- "Continuous Feeding of Chlortetracycline to Lactating Dairy Cows." (Abstract) *Journal of Animal Science* 19 (1960), 1286.
- "Fertilizing Capacity of Bovine Sperm Maintained at Room Temperatures in Coconut Milk Extender." (Abstract) *Journal of Dairy Science* 43 (1960), 883.
- "The Ayrshire Approved Dam Plan." *Ayrshire Digest* 46 (1960), 426-427.
- "Prolonged Survival of Human Sperm in Chemically Defined Media at Room Temperatures." *Nature* 188 (1960), 760.
- "Prolonged Survival of Human Sperm and Other Mammalian Sperm in Chemically Defined Media at Room Temperatures." (Abstract) *Anatomical Record* 138 (1960), 374.
- "A Chemically Defined Maintenance Medium for Bovine Sperm." (Abstract) *Anatomical Record* 138 (1960), 374.
- "Studies on the Metabolism of Fowl Spermatozoa." (Abstract) *Anatomical Record* 138 (1960), 351.
- "Studies on the Physiology and Biochemistry of Germ Cells. I. The Effect of Aging on Respiration and Glycolysis in Bovine Spermatozoa." (Abstract) *Anatomical Record* 137 (1960), 383-384.
- "Studies on the Physiology and Biochemistry of Germ Cells. II. Action Spectrum for the Photodynamic Sensitization of Sperm to Light." (Abstract) *Anatomical Record* 137 (1960), 384.
- "Studies on the Physiology and Biochemistry of Germ Cells. III. The Effect of Dinitrophenol on Sperm." (Abstract) *Anatomical Record* 137 (1960), 384.
- "Studies on the Physiology and Biochemistry of Germ Cells. IV. Fertilizing Capacity of Bovine Sperm Maintained at Room Temperatures in Coconut Milk Extender." (Abstract) *Anatomical Record* 137 (1960), 384-385.

Rakes, Allen H.

ARTICLES

- "Response of Growing Dairy Heifers to Frequency of Feeding." *Journal of Dairy Science* 40 (1957), 1621-1627.
- "Some Effects of Feeding Frequency on the Utilization of Feed by Ruminants." *Proceedings of the Cornell Nutrition Conference for Feed Manufacturers* (1960), 104-107.

Thomas, Robert H.

ARTICLES

- (joint author) "The Manufacture of Cultured Ice Cream." *Southern Dairy Products Journal* 47, 3 (1957), 34.
- (joint author) "A Rapid Method for Determining Free Fat in Dry Milk." *Journal of Dairy Science* 40 (1957), 605.

Weese, Samuel J.

MONOGRAPHS

- (joint author) *Some Aspects of Every-Other-Day Milk Delivery*. WVAES Current Report 5, 1953, 6pp.

ARTICLES

- "The Keeping Quality of Pasteurized Milk in Home Refrigerators." *Journal of Dairy Science* 32 (1949), 945.
- "'Flavor Insurance' for Your Bottled Milk." *Milk Dealer* 39 (1949), 58.

OMICS

Spermatozoa." *J. Record* 137

logy and Bio-
ells. II. Action
Photodynamic
m to Light."
J. Record 137

logy and Bio-
ells. III. The
ol on Sperm."
J. Record 137

logy and Bio-
ells. IV. Fer-
Bovine Sperm
Temperatures
tender." (Ab-
Record 137

Dairy Heifers
ling." *Journal*
(1957), 1621-

ng Frequency
Feed by Ru-
s of the Cor-
ence for Feed
104-107.

Manufacture of
m." *Southern*
il 47, 3 (1957),

id Method for
in Dry Milk."
nce 40 (1957),

AS
pects of Every-
very. WVAES
3, 6pp.

of Pasteurized
erators." *Jour-*
32 (1949), 945.
Your Bottled
9 (1949), 53.

HORTICULTURE

"The Amino Acid Composition of the
Fat Globule Membrane Protein of
Milk." *Journal of Dairy Science* 35
(1952), 615.

"Can Vending Machines Sell More
Milk?" WVAES *Bulletin* 382, Pt. 1
(1956), 3, 8.

"Low-Fat Milk Has Good Keeping
Qualities." WVAES *Bulletin* 393, Pt.
1 and 2 (1957), 16.

HORTICULTURE

Childs, W. H.

MONOGRAPHS

Growing Grapes in West Virginia.
WVAES *Circular* 69 (1957), 21pp.

ARTICLES

"Shredded Sphagnum vs. Peat and
Sand as a Medium for Transplanted
Blueberry Seedlings." *Proceedings*
of the American Society of Horti-
cultural Science 47 (1946), 206-208.
(Scientific Paper 354.)

"Influence of Fineness of Shredding
on Value of Sphagnum as a Medium
for Transplanted Blueberry Seed-
lings." *Proceedings of the American*
Society of Horticultural Science 49
(1947), 208-210. (Scientific Paper
365.)

"Greenhouse Fertilization of Blue-
berry Hybrids Grown in Shredded
Sphagnum." *Proceedings of the*
American Society of Horticultural
Science 56 (1950), 23-26. (Scientific
Paper 419.)

"Further Studies of Greenhouse Fer-
tilization of Blueberry Hybrids
Grown in Shredded Sphagnum." *Proceedings of the American Society*
of Horticultural Science 60 (1952),
141-145. (Scientific Paper 452.)

"Cover Your Lettuce Plants." WVAES
Bulletin 357, Pt. 2 (1952), 4, 16.

"Bird Control in Blueberries."
WVAES *Bulletin* 357, Pt. 4, (1953),
3, 10.

"Controlling Weeds in Strawberries
with Crag Herbicide 1." WVAES
Bulletin 363, Pt. 3 (1954), 4-5.

"Paper Protects Strawberries."
WVAES *Bulletin* 369, Pt. 4 (1955), 3.

"Cover Your Head Lettuce." WVAES
Bulletin 369, Pt. 4 (1955), 6, 8.

Marsh, Ray Stanley

MONOGRAPHS

(joint author) *Consumer Reaction to*
Price of Tree Ripe Peaches. WVAES
Circular 95, 1955, 7pp.

(joint author) *Apple Color—Its De-*
velopment and Sales Appeal.
WVAES *Bulletin* 396, 1957, 7pp.

(joint author) *Costs and Mechanical*
Injury in Handling and Packing
Apples. WVAES *Bulletin* 416, 1958,
26pp.

(joint author) *Pruning Fruit Trees.*
WVCES *Circular* 341, 1952, 35pp.

(joint author) *Possibilities for Reduc-*
ing Apple Packing House Costs.
WVAES *Bulletin* 436, 1959, 9pp.

ARTICLES

(joint author) "Observed Residual Ef-
fects on Apples of 2,4-D in a Central
Spray System." *American Society*
for Horticultural Science 71 (1947),
59-62.

"Fertilizer Elements of the Apple
Tree." *Mountaineer Grower* 20
(1950), 19-21.

(joint author) "Soil Applications of
BHC Results in 'Off Flavor' in
Canned Peaches." *American Fruit*
Grower 72 (1952), 17.

"Varieties to Plant." *Mountaineer*
Grower 24 (1954), 59.

"Apple Bruise Data from 8 Large
Sheds." *Mountaineer Grower* 28
(1953), 33-36.

"Past, Present and Future of the
Apple Industry." *Eastern Fruit*
Grower 23, 2 (1960), 10, 22; *Moun-*
taineer Grower 31 (1960), 34-36.

Neal, Oliver Meader, Jr.

ARTICLES

(joint author) "Dormancy and Ger-
mination of Seeds of the Bur Reeds,
Sparganium spp." *Papers of the*
Michigan Academy of Science, Arts
and Letters 34 (1948), 33.

(joint author) "Variation in *Lilium*
Leichtlinii var *Maximowiczii*." *Lily*
Yearbook of the North American
Lily Society 2 (1949), 102.

(joint author) "Garden Lily Research
in West Virginia." WVAES *Bulletin*
363, Pt. 2 (1953), 6.

"Sarviceberry, An Edible Ornamental."
WVAES *Bulletin* 363, Pt. 4 (1954),
3-4, 8.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- (joint author) "Deciduous Holly for Winter Color." *National Horticultural Magazine* 33 (1954), 226.
- (joint author) "Lily Seed Set Following Treatments Used to Obtain Difficult Crosses." *Abstracts of Papers A. S. H. S.* 251, 1956.
- "Effect of Cultural Practices on Bulb Growth of a Garden Lily." *Abstracts of Papers, A. S. H. S.* 193, 1956.
- "Azalea Research." *WVAES Bulletin* 422 (1958), 4, 11.
- (joint author) "Observations on Frost Injury to Lilies." *Lily Yearbook of the North American Lily Society* 12 (1959), 11.
- chards?" *WVAES Bulletin* 393, Pt. 3 (1957), 4-5.
- "Comparison of Five Herbicides Used to Kill Established Poison Ivy in a Mature Apple Orchard." *Proceedings of the Northeastern Weed Control Conference* 13 (1959), 57-59.
- "Effect of Recommended and Excessive Rates of Certain Herbicides to Apple Trees of Varying Ages." *Proceedings of the Northeastern Weed Control Conference* 13 (1959), 62-63.
- "Herbicide Trials in a Mature Vineyard." *Proceedings of the Northeastern Weed Control Conference* 13 (1959), 69-70.

Schubert, Oscar E.

MONOGRAPHS

- (joint author) *A Leaf Analyses Survey of Apple Orchards in West Virginia.* *WVAES Bulletin* 356, 1952, 11pp.
- (joint author) *Pruning Fruit Trees.* *WVCES Circular* 341, 1952, 35pp.
- (joint author) *Weed Control—1959 Suggestions.* *WVAES Circular* 106, 1959, 19pp.
- (joint author) *Weed Control—1960 Suggestions.* *WVAES Circular* 108, 1960, 19pp.
- (joint author) *Control Apple Storage Scald.* *WVAES Current Report* 27, 1961, 7pp.

ARTICLES

- "Apple Orchard Nutrition in Illinois, 1948-1949." *Transactions of the Illinois State Horticultural Society* 82 (1948), 18-30.
- "Peach Orchard Nutrition in Illinois, 1948-1949." *Transactions of the Illinois State Horticultural Society* 83 (1949), 123-127.
- "Apple Blends." *WVAES Bulletin* 357, Pt. 4 (1953), 11.
- (joint author) "Apple Trees with 'Measles' Respond to Lime Treatment." *Mountaineer Grower* 25 (1955), 25-27.
- "Fall Fumigation of Field Soil with Methyl Bromide for Use in Growing Greenhouse Plants." *Down to Earth* 12, 2 (1956), 22-23.
- (joint author) "Chemical Weed Control, Is It Practical for Young Or-

- chards?" *WVAES Bulletin* 393, Pt. 3 (1957), 4-5.
- "Evaluation of Five Herbicides for Killing Established Poison Ivy in an Apple Orchard One and Two Years Following a Single Treatment." *Proceedings of the Northeastern Weed Control Conference* 14 (1960), 219-220.
- (joint author) "Effect of Several Herbicides on Early Yield and Plant Growth of Valiant Tomatoes." *Proceedings of the Northeastern Weed Control Conference* 15 (1961), 125-129.
- "Evaluation of Five Herbicides for Killing Established Poison Ivy in an Apple Orchard Three Years Following a Single Treatment." *Proceedings of the Northeastern Weed Control Conference* 15 (1961), 183-184.
- "Residue Report on Apples Harvested from Trees Where Amino Triazole Sprays Have Been Applied to the Ground Cover." *Proceedings of the Northeastern Weed Control Conference* 15 (1961), 170-173.
- (joint author) "Evaluation of Several Herbicides on Strawberry Plants During Their First Growing Season." *Proceedings of the Northeastern Weed Control Conference* 15 (1961), 160-166.

Westover, Kyle C.

ARTICLES

- "Effect of Periodical Potato Top Removal on Yields." *American Potato Journal* 32 (1955), 126-131.

in 393, Pt. 3

icides Used
son Ivy in a
Proceedings
Weed Control
7-59.

and Exces-
herbicides to
Ages." *Pro-*
eastern Weed
(1959), 62-63.
Mature Vine-
the Northeast-
conference 13

on of Several
Plants." *Pro-*
eastern Weed
(1960), 81-85.
herbicides for
son Ivy in an
d Two Years
Treatment."
Northeastern
ce 14 (1960),

of Several
eld and Plant
matatoes." *Pro-*
eastern Weed
(1961), 125-

herbicides for
son Ivy in an
Years Follow-
nt." *Proceed-*
eastern Weed Con-
(1961), 183-184.
les Harvested
nino Triazole
plied to the
edings of the
ontrol Confer-

on of Several
berry Plants
Growing Sea-
the Northeast-
conference 15

otato Top Re-
merican Potato
G-131.

PLANT PATHOLOGY, BACTERIOLOGY, AND ENTOMOLOGY

PLANT PATHOLOGY, BACTERIOLOGY, AND ENTOMOLOGY

Adams, Robert E.

MONOGRAPHS

- (joint author) "A Practical Means of Reducing Storage Rots of Apple and Post-Harvest Rots of Peach." *WVAES Current Report* 22 1959, 12pp.

ARTICLES

- (joint author) "Leaf Punch for Sampling Foliage for Analysis of Spray Deposits." *Phytopathology* 41 (1951), 568.
"Mist Spraying Less Injurious than Hydraulic Spraying to Sour Cherries and Apples." *Phytopathology* 43 (1953), 465.
(joint author) "A Flexible-Outlet Mist Sprayer." *Cornell University Agricultural Experiment Station Bulletin* 904 (1954), 1-15.
"Evidence of Injury to Deciduous Fruit Trees by an Ectoparasitic Nematode (*Xiphinema* Sp.) and a Promising Control Measure." *Phytopathology* 45 (1955), 477-479.
"Control of an Ectoparasitic Nematode Injurious to Deciduous Fruit Trees." *Phytopathology* 45 (1955), 464.
(joint author) "The West Virginia Spot-Rot Complex of Apple in 1956." *Plant Disease Reporter* 41 (1957), 760-765.
"Two Stone Fruit Virus Diseases Not Previously Reported from West Virginia." *Plant Disease Reporter* 42 (1958), 202.
"An Apparently New Virus Disease of Peach." *Plant Disease Reporter* 42 (1958), 203-206.
(joint author) "Rosette or 'Pfeffingerkrankheit' on Montmorency Sour Cherry in West Virginia." *Plant Disease Reporter* 42 (1958), 568-572.
(joint author) "Treatment of Field Boxes for the Control of Post-Harvest Rots of Peaches and Storage Rots of Apples." *Plant Disease Reporter* 43 (1959), 396-400.
"For Bigger Yields, Burn Your Brush." *Mountaineer Grower* 32 (1961), 36-38.
(joint author) "Distribution of Stylet-Bearing Nematodes in the North-

eastern United States." New Jersey Agricultural Experiment Station *Bulletin* 795 (1961), 1-62.

Barnett, Horace L.

BOOKS

- (joint author) *Physiology of the Fungi*. New York: McGraw-Hill, 1951, 464pp.
Illustrated Genera of Imperfect Fungi. Minneapolis: Burgess Publishing Co., 1955, 217pp.
Illustrated Genera of Imperfect Fungi. Minneapolis: Burgess Publishing Co., (Second Ed.) 1960, 225 pp.

MONOGRAPHS

- Isolation and Identification of the Oak Wilt Fungus*. *WVAES Bulletin* 359T, 1953, 15pp.
(joint author) *Utilization of Sugars by Fungi*. *WVAES Bulletin* 362T, 1953, 58pp.
(joint author) *Parasitism of Calcarisporium Parasiticum on Species of Physalospora and Related Fungi*. *WVAES Bulletin* 420T, 1958, 37pp.
(joint author) *The Production of Carotene by Phycomyces Blakesleeanus*. *WVAES Bulletin* 441T, 1960, 80pp.
(joint author) *Oak Wilt in West Virginia*. *WVAES Bulletin* 448T, 1960, 119pp.

ARTICLES

- "Notes on the Culture of *Coprinus Asterophorus*." *Mycologia* 37 (1945), 194-196.
"New Reports on Iowa Fungi, I." *Proceedings of the Iowa Academy of Science* 52 (1945), 95-100.
"New Reports on Iowa Fungi, II." *Proceedings of the Iowa Academy of Science* 53 (1946), 137-140.
(joint author) "Influence of pH and Certain Growth Factors on Mycelial Growth and Perithecial Formation by *Sordaria fimicola*." *American Journal of Botany* 34 (1947), 131-138.
(joint author) "Effects of Biotin Upon the Formation and Development of Perithecia, Asci and Ascospores by *Sordaria fimicola* Ces and de Not." *American Journal of Botany* 34 (1947), 176-204.
(joint author) "Production of Haploid and Diploid Fruit Bodies of *Lenzites trabea* in Culture." *WVAS Proceedings* 19 (1947), 34-39.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- (joint author) "Growth Rates and Vitamin Deficiencies of Various Fungi." *WVAS Proceedings* 19 (1947), 27-33.
- (joint author) "Interrelated Effects of Vitamins, Temperature and pH Upon the Vegetative Growth of *Sclerotinia camelliae*." *American Journal of Botany* 35 (1948), 297-302.
- (joint author) "Inheritance of Partial Thiamine Deficiency in *Lenzites trabeo*." *Journal of Agricultural Research* 77 (1948), 287-300.
- (joint author) "Growth Rates, Vitamin Deficiencies and Sclerotia Formation by Some *Sclerotiniaceae*." *WVAS Proceedings* 20 (1948), 60-74.
- (joint author) "Influence of Concentration of Nutrients, Thiamine, and Biotin Upon Growth and Formation of Perithecia and Ascospores by *Chaetomium convolutum*." *Mycologia* 41 (1949), 186-196.
- (joint author) "Partial Vitamin Deficiencies in Four Strains of *Colletotrichum lindemuthianum*." *Indian Phytopathology* 2 (1949), 2-7.
- (joint author) "Influence of Nutritional and Environmental Factors Upon Asexual Reproduction of *Choanephora cucurbitarum* in Culture." *Phytopathology* 40 (1950), 80-89.
- (joint author) "Sporulation of *Colletotrichum lindemuthianum* in Culture." *Phytopathology* 40 (1950), 104-114.
- (joint author) "Factors Affecting Sporulation of *Diaporthe phaseolorum* var. *botatatis* from Soybean." *Phytopathology* 41 (1951), 327-336.
- (joint author) "Effect of Nutrition on the Sporulation of *Melanconium fuligineum* in Culture." *Mycologia* 43 (1951), 625-634.
- (joint author) "Inhibitory Effects of Sorbose on Fungi." *Science* 114 (1951), 439-440.
- (joint author) "Oak Wilt Found in West Virginia." *Plant Disease Reporter* 35 (1951), 382.
- (joint author) "Effect of Inoculation of Media on Sporulation of *Melanconium fuligineum*." *Mycologia* 44 (1952), 141-149.
- "A Rapid Method for Determining Oak Wilt." *Phytopathology* 42 (1952), 57.
- (joint author) "Oak Wilt Fungus in the Laboratory." *WVAES Bulletin* 349, Pt. 2, (1952), 4-5.
- (joint author) "Mycelial Mats of *Chalara quercina* on Killed Oak Trees as a Potential Source of Perithecia in Nature." *Phytopathology* 42 (1952), 531-532.
- (joint author) "Effect of Color of Light on Sporulation of Certain Fungi." *WVAS Proceedings* 24 (1952), 60-64.
- (joint author) "Isolation of Compatibility Types of *Endoconidiophora fagacearum* from Oak Wilt Trees Naturally and Artificially Inoculated." *Phytopathology* 42 (1953), 341-343.
- (joint author) "Unisexual Male Culture of *Chalara quercina*." *Mycologia* 45 (1953), 450-457.
- (joint author) "Effects of Allithiamine on Some Thiamine-Requiring Organisms." *Science* 118 (1953), 548-549.
- (joint author) "Fertile Albino Mutants of the Oak Wilt Fungus." *Plant Disease Reporter* 38 (1954), 121.
- (joint author) "Recovery of Isolates of *Endoconidiophora fagacearum* from Oak Trees Following Mixed Culture Inoculations." *Plant Disease Reporter* 38 (1954), 359-361.
- (joint author) "The Influence of Galactose and Other Sugars on the Utilization of Sucrose by *Sordaria fimicola*." *WVAS Proceedings* 25 (1954), 23-26.
- (joint author) "Growth of Fungi on Three Sources of Nitrogen." *Mycologia* 46 (1954), 691-701.
- (joint author) "The Effects of Humidity, Temperature and Carbon Dioxide on Sporulation of *Choanephora cucurbitarum*." *Mycologia* 47 (1955), 26-29.
- (joint author) "The Oak Wilt Fungus *Endoconidiophora fagacearum*." *Transactions of the New York Academy of Science Ser. II*, 17 (1955), 552-559.
- "Variation in the Oak Wilt Fungus *Endoconidiophora fagacearum*." *WVAS Proceedings* 27 (1955), 25-29.
- (joint author) "Increased Production of Carotene by Mixed + and - Cultures of *Choanephora cucurbitarum*." *Science* 123 (1956), 141.
- (joint author) "Factors Affecting the Production of Zygospores by *Choanephora cucurbitarum*." *Mycologia* 47 (1956), 617-627.
- (joint author) "The Utilization of D- and L-Arabinose by Fungi." *American Journal of Botany* 43 (1956), 709-714.

Source of Peri-
Phytopathology

t of Color of
on of Certain
Proceedings 24

on of Compati-
doconidiophora
ak Wilt Trees
Officially Inocu-
gy 42 (1953),

ual Male Cul-
lina." *Mycologia*

ts of Allithia-
mine-Requiring
118 (1953),

le Albino Mu-
Wilt Fungus."
ter 38 (1954),

ery of Isolates
a fagacearum
Following Mixed
Plant Disease
359-361.

fluence of Ga-
Sugars on the
se by *Sordaria*
Proceedings 25

h of Fungi on
itrogen." *Myco-*
701.

Effects of Hu-
e and Carbon
ation of *Cho-*
um." *Mycologia*

ak Wilt Fungus
fagacearum."
New York Acad-
II, 17 (1955),

k Wilt Fungus
fagacearum."
27 (1955), 25-29.

ased Production
ked + and -
phora cucurbi-
(1956), 141.

's Affecting the
spores by *Cho-*
um." *Mycologia*

Utilization of
se by Fungi."
of Botany 43

PLANT PATHOLOGY, BACTERIOLOGY, AND ENTOMOLOGY

(joint author) "Growth of Fungi on Acid-Hydrolyzed Casein as the Sole Source of Carbon." *WVAS Proceedings* 28 (1956), 20-24.

(joint author) "Mode of Parasitism and Host Range of *Piptocepalis virginiana*." *Mycologia* 49 (1957), 374-386.

"*Hypoxyton punctulatum* and its Conidial Stage on Dead Oak Trees and in Culture." *Mycologia* 49 (1957), 588-595.

(joint author) "The Effect of Light and Temperature on the Production of Carotenoid Pigments by + and - Sexes of *Phycomyces blakesleeana*." *WVAS Proceedings* 29/30 (1957-58), 25-31.

"A New *Calcarisporium* Parasitic on Other Fungi." *Mycologia* 50 (1958), 497-500.

(joint author) "A Method of Obtaining Pure Radioactive B-Carotene Using *Phycomyces blakesleeana*." *Mycologia* 50 (1958), 862-873.

"Plant Disease Resistance." *Annual Review of Microbiology* 13 (1959), 191-210.

Dorsey, Carl K.

MONOGRAPHS

(joint author) *A General Purpose Garden Pesticide*. WVAES Bulletin 365T, 1954, 25pp.

(joint author) *Meadow Spittlebug Control in West Virginia With Granular Insecticides*. WVAES Circular 100, 1957, 2pp.

(joint author) *Southern Corn Rootworm Control in West Virginia*. WVAES Circular 102, 1957, 5pp.

(joint author) *Alfalfa Weevil Control in West Virginia*. WVAES Circular 104, 1958, 9pp.

Termites and Carpenter Ants. WVAES Circular 105, 1958, 10pp.

(joint author) *Cattle-Grub Control in West Virginia*. WVAES Bulletin 431, 1959, 7pp.

(joint author) *Oak Wilt in West Virginia*. WVAES Bulletin 448T, 1960, 119pp.

ARTICLES

"Population and Control Studies of the Palau Gnat on Peleliu, Western Caroline Islands." *Journal of Economic Entomology* 40 (1947), 805-814.

"Mechanism for Liberation of Spores from Beneath the Bark and for

Diploidization in *Chalara quercina*." *Phytopathology* 42 (1952), 537-539.

(joint author) "Experimental Transmission of Oak Wilt by Four Species of Nitidulidae." *Plant Disease Reporter* 37 (1953), 419-420.

(joint author) "Selective Response of Wild Drosophilidae to Natural and Artificial Attractants." *Annals of the Entomological Society of America* 49 (1956), 177-181.

(joint author) "The Bionomics of Certain Insects Associated with Oak Wilt with Particular Reference to the Nitidulidae." *Journal of Economic Entomology* 49 (1956), 219-230.

(joint author) "Studies on the Composition and Micro-Biology of Insect Spittle." *Annals of the Entomological Society of America* 50 (1957), 399-406.

"Effects of Granular Dieldrin and Heptachlor on Adult Weevil Populations in Red Clover." *Journal of Economic Entomology* 50 (1957), 224.

Elliott, Edward S.

MONOGRAPHS

Diseases, Insects, and Other Factors in Relation to Red Clover Failure in West Virginia. WVAES Bulletin 351T, 1952, 65pp.

(joint author) "Blackpatch" of Red Clover and Other Legumes Caused by *Rhizoctonia leguminicola*. WVAES Bulletin 387T, 1956, 23pp.

ARTICLES

"Effect of Vitamins on Growth of Some Graminicolous Species of *Helminthosporium* and *Fusarium*." *WVAS Proceedings* 20 (1948), 65-68.

"Effects of Sugar Concentration on the Size of Conidia Produced by *Helminthosporium victoriae*." (Abstract) *Phytopathology* 38 (1948), 8.

"Effect of Sugar Concentration on Conidial Size of Some Species of *Helminthosporium*." *Phytopathology* 39 (1949), 953-958.

(joint author) "Blackpatch as a Limiting Factor in Red Clover Seed Production in West Virginia." *Phytopathology* 40 (1950), 7.

(joint author) "Blackpatch Disease of Red Clover and Other Legumes in West Virginia." *Phytopathology* 41 (1951), 1041-1049.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

"Notes on Forage Plant Diseases Observed in Northern West Virginia During 1953." *Plant Disease Reporter* 38 (1954), 279-281.

(joint author) "Effect of Brief Exposures at 40°C on Germination of Sporangia of *Phytophthora infestans*." (Abstract) *Phytopathology* 44 (1954), 508.

"Forage Plant Diseases Observed in West Virginia in 1954." *Plant Disease Reporter* 39 (1955), 318-321.

"Notes on Diseases of Cereals and Ornamentals Recorded in West Virginia During 1953 and 1954." *Plant Disease Reporter* 39 (1955), 332-333.

"A Report of Grass Diseases Observed in West Virginia." *Plant Disease Reporter* 43 (1959), 461-463.

Kulman, Herbert M.

ARTICLES

(joint author) "Preliminary Observations of an Inquiry into the Effects of the Defoliation of Jack Pine by the Jack-Pine Budworm." *Minnesota Forestry Note* 56 (1957), 2.

(joint author) "Parasites of the Jack-Pine Budworm, *Choristoneura pinus*, with Special Reference to Parasitism at Particular Stand Locations." *Journal of Economic Entomology* 54 (1961), 221-224.

Leach, Julian G.

MONOGRAPHS

(joint author) *Purple-Top Wilt (Blue Stem) of Potatoes*. WVAES Bulletin 326, 1946, 35pp.

(joint author) *Simplification of Garden-Pest Control*. WVAES Bulletin 348, 1951, 15pp.

(joint author) *A Hot-Water Treater and a Seed Drier for Use in Control of Loose Smut in Wheat and Barley*. WVAES Mimeograph Circular 68, 1951, 9pp.

(joint author) *Oak Wilt in West Virginia*. WVAES Bulletin 44ST, 1960, 119pp.

CHAPTERS AND SECTIONS

"Insects, Bacteria, and Fungi." In *Yearbook of Agriculture*, 1952, 191-196; USDA Yearbook Separate No. 2311.

ARTICLES

(joint author) "Stripe Smut (*Ustilago striiformis*), in Relation to Bluegrass Improvement." *Phytopathology* 36 (1946), 57-72.

(joint author) "The Cytology of *Ustilago striiformis* forma *poaepratensis* in Artificial Culture." *Phytopathology* 36 (1946), 876-886.

(joint author) "A Comparison of Certain Potato Sprays in Different Localities in West Virginia." *American Potato Journal* 24 (1947), 76-82.

(joint author) "The Practicability of an All-Purpose Fungicide and Insecticide Dust for the Home Garden." *WVAS Proceedings* 20 (1948), 48-53.

(joint author) "Chromates as Potato Fungicides." *American Potato Journal* 25 (1948), 406-409.

(joint author) "The Stimulating Effect of Dung Infusion on the Germination of Spores of *Ustilago striiformis*." *Phytopathology* 40 (1950), 584-589.

(joint author) "The Blackpatch Disease of Red Clover and Other Legumes in West Virginia." *Phytopathology* 41 (1951), 1041-1049.

(joint author) "A Mechanization for Liberation of Spores from Beneath the Bark and for Diploidization in *Chalara quercina*." *Phytopathology* 42 (1952), 537-539.

"Red Clover Failure." *WVAES Bulletin* 357, Pt. 1, (1952), 8.

(joint author) "Insects and the Oak Wilt Fungus." *WVAES Bulletin* 357, Pt. 2, (1952), 8-9, 16.

(joint author) "Experimental Transmission of Oak Wilt by Four Species of Nitidulidae." *Plant Disease Reporter* 37 (1953), 419-420.

(joint author) "The Bionomics of Certain Insects Associated with Oak Wilt with Particular Reference to the Nitidulidae." *Journal of Economic Entomology* 49 (1956), 219-230.

(joint author) "Clayton Roberts Orton, 1885-1955." *Phytopathology* 46 (1956), 243.

(joint author) "Bacterial Polysaccharides: The Nature and Function of the Exudate Produced by *Xanthomonas phaseoli*." *Phytopathology* 47 (1957), 113-120.

(joint author) "Bacterial Polysaccharides: II. Laboratory Scale Production of Polysaccharides by Spe-

Smoot (*Ustilago*
Relation to Blue-
st." *Phytopathol-*
72.

Cytology of *Usti-*
ma poaepratensis
re." *Phytopathol-*
-886.

Comparison of Cer-
in Different Lo-
Virginia." *Ameri-*
24 (1947), 76-82.

Practicability of
ungicide and In-
the Home Gar-
edings 20 (1948).

omates as Potato
ican Potato Jour-
-409.

Stimulating Ef-
sion on the Ger-
s of *Ustilago stri-*
ology 40 (1950).

Blackpatch Dis-
er and Other Le-
ginia." *Phytopath-*
1041-1049.

Mechanization for
res from Beneath
Diploidization in
" *Phytopathology*

ce." *WVAES Bul-*
1952), 8.

ects and the Oak
AES Bulletin 357,
16.

Experimental Trans-
ilt by Four Species
Plant Disease Re-
419-420.

The Bionomics of
associated with Oak
ular Reference to
Journal of Eco-
y 49 (1956), 219-

ayton Roberts Or-
Phytopathology 46

Bacterial Polysac-
ture and Function
roduced by *Xantho-*
Phytopathology 47

Bacterial Polysac-
poratory Scale Pro-
accharides by Spe-

PLANT PATHOLOGY, BACTERIOLOGY, AND ENTOMOLOGY

cies *Xanthomonas*." *Applied Micro-*
biology 6 (1958), 105-108.

(joint author) "Bacterial Polysac-
charides: III. Some Chemical Prop-
erties of *Xanthomonas phaseoli*
Polysaccharide." *WVAS Proceedings*
31 (1959), 27-32.

Lilly, Virgil G.

BOOKS

(joint author) *Physiology of the*
Fungi. New York: McGraw-Hill,
1951, 464pp. Polish Translation:
Viziologia Grzybow Panstwowe Wy-
dawnictwo Rolniz i Lesne. War-
szawa. 1959, 504pp.

MONOGRAPHS

(joint author) *Comparative Value of*
Different Test Organisms in the
Microbiological Assay of B Vita-
mins. *WVAES Bulletin* 319, 1945,
35pp.

(joint author) *Utilization of Sugars*
by Fungi. *WVAES Bulletin* 362T,
1953, 58pp.

(joint author) *Parasitism of Calcari-*
sporium parasiticum on Species of
Physalospora and Related Fungi.
WVAES Bulletin 420T, 1958, 37pp.

CHAPTERS AND SECTIONS

"Fungi and Slime Molds." In *Hand-*
buch der Pflanzenphysiologie, W.
Ruhland (Ed.) Berlin: Springer-
Verlag, 1959, Vol. 11, 327-385.

ARTICLES

(joint author) "Conversion of Des-
thiobiotin into Biotin or Biotin-
Like Substances by Some Micro-
organisms." *Journal of Bacteriology*
49 (1945), 291-297.

(joint author) "Interrelationship of
Iron and Certain Accessory Factors
in the Growth of *Rhizobium trifolii*.
Strain 205." *Journal of Bacteriology*
50 (1945), 383-395.

(joint author) "A Quantitative Com-
parison of Biotin and Desthiobiotin
for the Growth of Certain Micro-
organisms." *WVAS Proceedings* 17
(1945), 55-61.

(joint author) "Influence of pH and
Certain Growth Factors on Mycelial
Growth and Perithecial Formation
by *Sordaria fimicola*." *American*
Journal of Botany 34 (1947), 131-
138.

(joint author) "Growth Rates and
Vitamin Deficiencies of Various
Fungi." *WVAS Proceedings* 19
(1947), 27-33.

(joint author) "Effects of Biotin Upon
the Formation and Development of
Perithecia, Asci and Ascospores by
Sordaria fimicola Ces and de Not." *American Journal of Botany* 34
(1947), 196-204.

(joint author) "Relation of Thiamine
to the Production of Perithecia by
Ceratostomella fimbriata." *Myco-*
logia 39 (1947), 699-708.

(joint author) "Production of Haploid
and Diploid Fruit Bodies of *Lenzites*
trabea in Culture." *WVAS Proceed-*
ings 19 (1947), 34-39.

(joint author) "Inheritance of Partial
Thiamine Deficiency in *Lenzites*
trabea." *Journal of Agricultural Re-*
search 77 (1948), 287-300.

(joint author) "Growth Rates, Vita-
min Deficiencies and Sclerotia For-
mation by Some *Sclerotiniaceae*." *WVAS Proceedings* 20 (1948), 69-74.

(joint author) "Influence of Concen-
tration of Nutrients, Thiamine, and
Biotin Upon Growth and Formation
of Perithecia and Ascospores by
Chaetomium convolutum." *Myco-*
logia 41 (1949), 186-196.

(joint author) "Partial Vitamin De-
ficiencies in Four Strains of *Col-*
letotrichum lindemuthianum." *In-*
dian Phytopathology 2 (1949), 1-7.

(joint author) "Sporulation of *Col-*
letotrichum lindemuthianum in Cul-
ture. *Phytopathology* 40 (1950), 104-
114.

(joint author) "Influence of Nutri-
tional Environmental Factors Upon
Asexual Reproduction of *Choaneph-*
ora cucurbitarum in Culture." *Phy-*
topathology 40 (1950), 80-89.

(joint author) "Factors Affecting
Sporulation of *Diaporthe phaseol-*
orum var. batatatis from Soybean." *Phytopathology* 41 (1951), 327-336.

(joint author) "The Effect of Nutri-
tion on the Sporulation of *Melan-*
conium fuliginum in Culture." *My-*
cologia 43 (1951), 625-634.

(joint author) "Inhibitory Effects of
Sorbos on Fungi." *Science* 114
(1951), 439-440.

(joint author) "Oak Wilt in the Lab-
oratory." *WVAES Bulletin* 349, Pt.
2 (1952), 4-5.

(joint author) "Effect of Method of
Inoculation of Media on Sporulation

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- of *Melanconium fuligineum*." *Mycologia* 44 (1952), 141-149.
- (joint author) "Relation of Fungus Physiology to Study of Plant Diseases." *WVAES Bulletin* 357, Pt. 2 (1952), 11.
- (joint author) "Effect of Color of Light on Sporulation of Certain Fungi." *WVAS Proceedings* 24 (1952), 60-64.
- (joint author) "Effects of Allithiamine on Some Thiamine - Requiring Fungi." *Science* 118 (1953), 548-549.
- (joint author) "The Influence of Galactose and Other Sugars on the Utilization of Sucrose by *Sordaria fimicola*." *WVAS Proceedings* 25 (1953), 23-26.
- (joint author) "Growth of 25 Species of Fungi on Three Sources of Nitrogen." *Mycologia* 46 (1954), 691-701.
- (joint author) "The Effects of Humidity, Temperature and Carbon Dioxide on Sporulation of *Choanephora cucurbitarum*." *Mycologia* 47 (1955), 26-29.
- (joint author) "Growth Rates and Vitamin Requirements of Forty-Four Fungi." *WVAS Proceedings* 27 (1955), 19-24.
- (joint author) "Increased Production of Carotene by Mixed + and - Cultures of *Choanephora cucurbitarum*." *Science* 123 (1956), 141.
- (joint author) "Factors Affecting the Production of Zygospores by *Choanephora cucurbitarum*." *Mycologia* 47 (1956), 617-627.
- (joint author) "The Utilization of D- and L-arabinose by Fungi." *American Journal of Botany* 43 (1956), 709-714.
- (joint author) "Growth of Fungi on Acid-Hydrolyzed Casein as the Sole Source of Carbon." *WVAS Proceedings* 28 (1956), 20-24.
- (joint author) "Bacterial Polysaccharides. The Nature and Function of the Exudate Produced by *Xanthomonas phaseoli*." *Phytopathology* 47 (1957), 113-120.
- (joint author) "Bacterial Polysaccharides II. Laboratory-Scale Production of Polysaccharides by Species of *Xanthomonas*." *Applied Microbiology* 6 (1958), 105-108.
- (joint author) "The Utilization of Oligosaccharides by Some Species of *Ceratocystis*." *Mycologia* 50 (1958), 376-389.
- (joint author) "A Method of Obtaining Pure Radioactive B-Carotene Using *Phycomyces blakesleeanus*." *Mycologia* 50 (1958), 862-873.
- (joint author) "The Effect of Light and Temperature on the Production of Carotenoid Pigments by + and - Sexes of *Phycomyces blakesleeanus*." *WVAS Proceedings* 29/30 (1957-58), 25-31.
- (joint author) "Bacterial Polysaccharides III. Some Chemical Properties of *Xanthomonas phaseoli* Polysaccharide." *WVAS Proceedings* 31 (1959), 27-32.
- (joint author) "Degradation of Labeled Beta-Carotene." *Journal of Biological Chemistry* 234 (1959), 3109-3110.
- (joint author) "Some Effects of Sodium Chloride on Spore Germination Growth and Carotenogenesis of *Phycomyces blakesleeanus*." *WVAS Proceedings* 32 (1960), 125-130.

Quinn, David O.

ARTICLES

- (joint author) "Effect of Brief Exposures at 40° C on Germination of Sporangia of *Phytophthora infestans*." *Phytopathology* 45 (1955), 673-675.

True, Rodney P.

MONOGRAPHS

- (joint author) *Christmas Trees - Their Profitable Production in West Virginia*. WVAES Circular 82, 1951, 28pp.
- (joint author) *Blister-shake of Yellow-poplar*. WVAES Bulletin 350T, 1952, 15pp.
- Studies on Sprout Reproduction of Yellow Poplar as Related to Decay*. WVAES Current Report 3, 1953, 3pp.
- (joint author) *The Absorption of Solutions Through the Freshly Cut Tops of Oak Stumps*. WVAES Current Report 11, 1955, 7pp.
- (joint author) *Control of Oak Wilt Disease in 1954*. WVAES Current Report 8, 1955, 4pp.
- (joint author) *Oak Wilt in West Virginia*. WVAES Bulletin 448T, 1960, 119pp.
- (joint author) *Oak Wilt and Its Control in West Virginia*. WVAES Circular 112, 1961, 18pp.

ECONOMICS

"*blakesleanus*." *My-*
662-873.
Effect of Light
on the Production
of + and -
"blakesleanus."
29/30 (1957-58)

Bacterial Polysac-
e Chemical Prop-
omonas phaseoli
WVAS Proceedings

gradation of La-
ene." *Journal of*
stry 234 (1959).

ne Effects of So-
Spore Germina-
Carotenogenesis of
sleanus." WVAS
960), 125-130.

LES

fect of Brief Ex-
on Germination of
ytophthora infest-
logy 45 (1955), 673-

GRAPHS

ristmas Trees -
roduction in West
Circular 82, 1951.

er-shake of Yellow-
ulletin 350T, 1952,

Reproduction of
Related to Decay.
Report 3, 1953, 3pp.

Absorption of Solu-
Freshly Cut Tops
WVAES Current
pp.

ontrol of Oak Wilt
WVAES Current
p.

Wilt in West Vir-
ulletin 448T, 1960,

Wilt and Its Con-
vinia. WVAES Cir-
pp.

PLANT PATHOLOGY, BACTERIOLOGY, AND ENTOMOLOGY

EDITORSHIPS

Internal Bark Necrosis of Apple Re-
sulting from Manganese Toxicity.
WVAES Bulletin 414T, 1958, 27pp.

CHAPTERS AND SECTIONS

(joint author) "Shade Trees for the
Southeast." In U.S.D.A. *Yearbook*,
1949, 60-65.

ARTICLES

(joint author) "Defects Above Naval
Stores Faces are Associated with
Dry Face." *Southern Lumberman*
171 (1945), 200-202, 204.

(joint author) "Effects of Chemical
Stimulation on the Health and
Vigor of Treated Pines. Part II.
Occurrence of Dead Trees and Dry
Face in Treated and Untreated
Stands Observed During the 1944
Season." *Naval Stores Review* 55,
21 (1945), 8+; 55, 22 (1945), 10+.

"Some Fungi are Agents of Dry Face."
AT-FA Journal 8, 8 (1946), 11-14,
20.

(joint author) "A Test Tube Method
for Experiments in Gum Flow."
Naval Stores Review 56, 35 (1946),
16, 26.

"Pitch Canker Fungus Prolongs Gum
Flow." *Naval Stores Review* 56, 52
(1947), 26.

(joint author) "Chemical Stimulation:
Its Effects on Health and Vigor of
Treated Trees. Part II. Reserve of
Food Content." *Naval Stores Re-*
view 56, 43 (1947), 11, 14, 16.

(joint author) "Symptoms Induced at
Standardized Wounds by Fungi Iso-
lated from Dry Turpentine Faces."
(Abstract) *Phytopathology* 37
(1947), 437.

(joint author) "Dry Face: A Condi-
tion Which is Associated with
Crowding in Slash Pine Turpentine
Stands." *Naval Stores Review* 59,
13 (1949), 11, 24.

"Dry Face of Turpentine Pines." *For-*
est Farmer 8, 11 (1949), 6, 11.

(joint author) "Gum Flow From Tur-
pentine Pines Inoculated with the
Pitch-Canker Fusarium." *Journal of*
Forestry 47 (1949), 894-899.

(joint author) "Oak Wilt Found in
West Virginia." *Plant Disease Re-*
porter 35 (1951), 382.

"Oak Wilt, What Does it Mean?"
WVAES Bulletin 349, Pt. 1 (1951),
3-4.

(joint author) "Oak Wilt Fungus in
the Laboratory." WVAES Bulletin
349, Pt. 2 (1952), 4-5.

(joint author) "Mycelial Mats of
Chalara quercina on Killed Oak
Trees as a Potential Source of Peri-
thecia in Nature." *Phytopathology*
42 (1952), 531-532.

(joint author) "Mechanism for Lib-
eration of Spores from Beneath the
Bark and for Diploidization in
Chalara quercina." *Phytopathology*
42 (1952), 537-539.

(joint author) "Formation of Peri-
thecia of *Chalara quercina* in Na-
ture in West Virginia." *Phytopath-*
ology 42 (1952), 691-693.

(joint author) "The Effects of Tem-
perature and Humidity on the Lon-
gevity of Conidia of *Chalara quer-*
cina." (Abstract) *Phytopathology* 42
(1952), 470.

"Oak Wilt; Control it Now." WVAES
Bulletin 357, Pt. 4, (1953), 8, 11.

(joint author) "Experimental Trans-
mission of Oak Wilt by Four Spe-
cies of Nitidulidae." *Plant Disease*
Reporter 37 (1953), 419-420.

(joint author) "Fertile Albino Mu-
tants of the Oak Wilt Fungus."
Plant Disease Reporter 38 (1954),
121.

(joint author) "The Intake of Solu-
tions by Tops of Freshly Cut Oak
Stumps." (Abstract) *Phytopathology*
45 (1955), 466.

(joint author) "Oak Wilt and the
Pathogen, *Endoconidiophora faga-*
cearum." *Transactions of the New*
York Academy of Sciences. Ser. II,
17 (1955), 552-559.

(joint author) "Cankers and Decays
of Birch Associated with Two *Poria*
Species." *Journal of Forestry* 53
(1955), 412-415.

(joint author) "Oak Stem Cankers
Initiated in the Drought Year, 1953."
Phytopathology 46 (1956), 617-622.

(joint author) "The Degree of Mat
Production Control Obtained by
Girdling Oak Trees in West Vir-
ginia and Some Factors Influencing
Mat Formation in Girdled Trees."
Plant Disease Reporter 41 (1957),
362-367.

(joint author) "Recent Reductions in
Annual Radial Increments in Dying
Scarlet Oaks Related to Rainfall
Deficiencies." *Forest Science* 4
(1958), 219-230.

(joint author) "Role of Chemical
Treatment in Stimulating Resin

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- Flow." *Forest Science* 4 (1953), 296-306.
 (joint author) "Three Factors Which Influence the Local Spread of Oak Wilt in Five Northeastern Counties of West Virginia." *Plant Disease Reporter* 43 (1959), 588-593.

Wilson, Harold A.

MONOGRAPHS

- The Effect of Certain Pesticides on Nitrification in the Soil.* WVAES Bulletin 366T, 1954, 14pp.
 (joint author) *Ammonification and Nitrification in a Strip Mine Spoil.* WVAES Bulletin 379T, 1955, 16pp.
 (joint author) *The Number of Bacteria, Fungi and Actinomycetes in Some Strip Mine Spoil.* WVAES Bulletin 388T, 1956, 15pp.

ARTICLES

- (joint author) "Aggregate Increase and Stability of Two Louisiana Soils." *Proceedings of the Soil Science Society of America* 10 (1945), 241-247.
 (joint author) "Soil Aggregation, Yields, Runoff and Erosion as Affected by Cropping System." *Proceedings of the Soil Science Society of America* 10 (1945), 51-57.
 (joint author) "Soil Profile Characteristics in Relation to Drainage and Level Terraces." *Proceedings of the Soil Science Society of America* 11 (1946), 110-118.
 (joint author) "Loessial Soil in Western Iowa as a Construction Material for Earth Dams." *Proceedings of the Soil Science Society of America* 11 (1946), 127-130.
 (joint author) "Cover Crops Help Save Soil." *Iowa Farm Science* 1, 11 (1947), 12-13.
 "Don't Get Fleeced on Dam Building." *Successful Farming* 45, 10 (1947), 34, 36.
 (joint author) "Cropping Systems and Season as Factors Affecting Aggregate Stability." *Proceedings of the Soil Science Society of America* 12 (1947), 36-38.
 "Strip Mine Spoils—They Can Be Reclaimed." WVAES Bulletin 349, Pt. 1 (1951), 8-9.
 "Bacteria on the Farm." WVAES Bulletin 382, Pt. 1 (1955), 7.
 "Bacteria and Milk." WVAES Bulletin 382, Pt. 3 (1956), 3.

- (joint author) "The Rate of Carbon Dioxide Production in a Strip Mine Spoil." WVAES *Proceedings* 28 (1956), 11-15.
 (joint author) "Carbon Dioxide Evolution from Some Strip Mine Spoils." *Applied Microbiology* 5 (1957), 17-21.
 "A Method for Inoculating Solid Media With Soil for the Isolation of Fungi." *Proceedings of the Soil Science Society of America* 21 (1957), 239.
 "Microbe Helpers in the Soil." WVAES Bulletin 393, Pt. 3 (1957), 8.
 (joint author) "Studies on the Composition and Microbiology of Insect Spittle." *Annals of the Entomological Society of America* 50 (1957), 399-406.
 "Effect of Vegetation Upon Aggregation in Strip Mine Spoils." *Proceedings of the Soil Science Society of America* 21 (1957), 637-640.
 (joint author) "Bacterial Polysaccharides: The Nature and Function of the Exudate Produced by *Xanthomonas phaseoli*." *Phytopathology* 47 (1957), 113-120.
 (joint author) "Some Qualitative Observations of the Microflora in a Strip Mine Spoil." WVAES *Proceedings* 29/30 (1957-58), 35-38.
 (joint author) "Bacterial Polysaccharides II. Laboratory-scale Production of Polysaccharides by Species of *Xanthomonas*." *Applied Microbiology* 6 (1958), 105-108.
 (joint author) "Bacterial Polysaccharides III. Some Chemical Properties of *Xanthomonas phaseoli* Polysaccharides." WVAES *Proceedings* 31 (1959), 27-32.
 (joint author) "Extractable Sulfates and Iron in Strip Mine Spoil Acid Spots." WVAES *Proceedings* 31 (1959), 21.

POULTRY SCIENCE

Hyre, Harold M.

MONOGRAPHS

- The Effect of Heredity and Environment on Keel Deformities in White Leghorns.* WVAES Bulletin 381, 1955, Spp.
Improving Initial Interior Egg and Egg Shell Quality Through Selective

POULTRY SCIENCE

NOMICS

ate of Carbon
a Strip Mine
Proceedings 28

Dioxide Evolu-
Mine Spoils."
5 (1957), 17-

ng Solid Media
Isolation of
of the Soil
America 21

Soil." WVAES
1957), 8.

s on the Com-
ology of Insect
the Entomolog-
ica 50 (1957),

Upon Aggrega-
spoils." Proceed-
ence Society of
337-640.

ial Polysaccha-
and Function of
ed by *Xantho-*
topathology 47

Qualitative Ob-
Microflora in a
WVAS Proceed-
, 35-38.

ial Polysaccha-
y-scale Produc-
ides by Species
plied Microbiol-
8.

ial Polysaccha-
ical Properties
aseoli Polysac-
Proceedings 31

actable Sulfates
ip Mine Spoil
Proceedings 31

SCIENCE

PHS

ty and Environ-
mities in White
3 Bulletin 381.

terior Egg and
through Selective

Breeding. WVAES Bulletin 442,
1960, 11pp.

ARTICLES

"A Ten Year Study on Selection for
Viability in White Leghorns." *Poul-
try Science* 28 (1949), 786.

"Crooked Keel: Heredity, Environ-
ment." WVAES Bulletin 342 (1950),
30.

"Selection for Viability in White Leg-
horns." WVAES Bulletin 349, Pt. 1
(1951), 9.

"The Effect of Heredity and Environ-
ment on Keel Deformities in White
Leghorns." *Poultry Science* 33
(1954), 1061.

"We Can Improve Initial Interior Egg
Quality." WVAES Bulletin 393, Pts.
1-2 (1956), 6.

(joint author) "Crossbreeding May
Lead to Better Layers." WVAES
Bulletin 393, Pt. 3 (1957), 9.

"The Relationship Between U. S. D. A.
Eye Score and U. S. D. A. Measured
Score of Initial Interior Egg Qual-
ity." *Poultry Science* 36 (1957),
1129.

"Breeding for Efficient Production of
Eggs and Poultry Meat." *Poultry
Science* 37 (1958), 1194.

(joint author) "A Comparison of Vari-
ous Treatments of Fowl Semen."
Poultry Science 40 (1961), 772-777.

Martin, William G.

ARTICLES

"Responses of Young Calves to a Diet
Containing Salts of Volatile Fatty
Acids." *Journal of Dairy Science* 42
(1959), 1377-1386.

"Radionuclide Mineral Studies: Rela-
tion of Breed, Age, and Vitamin B₁₂
to Inorganic S³⁵ Metabolism in
Chicks." *Poultry Science* 39 (1960),
282-286.

"Radionuclide Mineral Studies: 2. The
Effect of Certain Dietary Constitu-
ents, Including Protein and Vitamin
B₁₂ on the Metabolism of Inorganic
S³⁵ Sulfate in the Chick." *Poultry
Science* 39 (1960), 1501-1510.

"The Effect of Taurine on the Sulfate-
S³⁵ Retention by Chicks." *Poultry
Science* 40 (1961), 267-268.

Patrick, Homer

ARTICLES

"Growth-promoting Effect of Methio-
nine and Vitamin B₁₂ on Chicks."
Poultry Science 29 (1950), 923-924.

"Radioisotopes in Poultry Research."
*Proceedings of the American Veter-
inary Medical Association* (1950),
266-273.

"Studies on Supplements for High
Soybean Oil Meal Rations for Early
Poult Growth." *Poultry Science* 30
(1951), 70-72.

"Vitamin B₁₂ and Antibiotics in Tur-
key Poult Nutrition." *Poultry Sci-
ence* 30 (1951), 549-551.

"Metabolism of Vitamin B₁₂. 1. The
Comparative Excretion and Distri-
bution in the Chicks of Co-60 and
Vitamin B₁₂ Labelled With Co-60."
Poultry Science 31 (1952), 79-84.

"The Influences of Certain Water
Soluble Vitamins on Phosphorus
(P-32) in Bone Mineralization."
Poultry Science 31 (1952), 750-751.

"Absorption and Retention of Radioac-
tive Phosphorus by Chicks." *Poultry
Science* 31 (1952), 888-892.

"The Effect of Homocystine, Methio-
nine, Vitamin B₁₂ and Antibiotics
in a Methionine Deficient Chick
Ration." *Poultry Science* 31 (1952),
1075-1077.

"Deficiencies in a Sesame Meal Type
Ration for Chicks." *Poultry Science*
32 (1953), 744.

"Factors Associated with the Move-
ment of Calcium from the Food to
the Bones of Chicks." *Poultry Sci-
ence* 33 (1954), 1199.

"Influence of Protein Source on Con-
sumption and Excretion of Water
and Excreta Voided by Broiler
Chicks." *Poultry Science* 34 (1955),
155.

"Influence of Parathyroid Extract,
Cortisone and Dienestrol Diacetate
on Metabolism of Cesium in Rats."
*Archives of Biochemistry and Bio-
physics* 63 (1956), 73.

"Some Effects of Parathyroid Extract
and Cortisone on Metabolism of
Strontium and Calcium." *Proceed-
ings of the Society for Experimental
Biology and Medicine* 93 (1956), 349.

(joint author) "Some Factors Influ-
encing the Excretory Patterns of
Cesium-134, Potassium-42 and Ru-
bidium-86 in Rats." *Proceedings of
the Society for Experimental Biol-
ogy and Medicine* 93 (1956), 349-
351.

"Influence of Potassium and Sodium
on Uptake and Retention of Cesium-
134 in Rats." *Archives of Biochem-*

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- istry and Biophysics* 66 (1957), 177-182.
- (joint author) "Organic Factors Controlling the Excretory Pattern of Potassium-42 and Cesium-134 in Rats." *Journal of Nutrition* 61 (1957), 535-546.
- "Metabolism of Cesium-134 in Rabbits." *Archives of Biochemistry and Biophysics* 70 (1957), 464-468.
- "Some Factors Influencing the Excretory Pattern of Cesium-134 in Rats." *Archives of Biochemistry and Biophysics* 71 (1957), 121-125.
- "Influence of Dietary Potassium on Potassium-42, Rubidium-86 and Cesium-134 Retention in the Rat." *Proceedings of the Society for Experimental Biology and Medicine* 96 (1957), 497-499.
- "The Effect of Vitamin D Upon Bone Mineralization of Ca⁴⁵ and Sr⁸⁹ as Chlorides and as Phosphopeptides." *Journal of Biological Chemistry* 228 (1957), 569-572.
- "Tissue Uptake and Excretion of Bromine-82 by Rats." *Archives of Biochemistry and Biophysics* 74 (1958), 357-361.
- "Metabolism of Potassium in Swine as Indicated by Cesium-134 and Potassium-42." *Journal of Animal Science* 64 (1958), 541-548.
- "Radionuclide Mineral Studies: Relation of Breed, Age, and Vitamin B₁₂ to Inorganic S³⁵ Metabolism in Chicks." *Poultry Science* 39 (1960), 282-286.
- "Radionuclide Mineral Studies: 2. The Effect of Certain Dietary Constituents, Including Protein and Vitamin B₁₂ on the Metabolism of Inorganic S³⁵ Sulfate in the Chick." *Poultry Science* 39 (1960), 1501-1510.
- "The Effect of Taurine on the Sulfate-S³⁵ Retention by Chicks." *Poultry Science* 40 (1961), 267-268.

DIVISION OF FORESTRY

Carvell, Kenneth L.

MONOGRAPHS

- (joint author) *A Guide to Killing Woody Plants in West Virginia*. WVAES Circular 98, 1955, 7pp.
- Convert Unproductive Hardwood Stands to Desirable Forest Types*. WVAES Bulletin 408, 1957, 10pp.
- (joint author) *Regeneration Under Oak Stands*. WVAES Bulletin 424T, 1958, 22pp.
- (joint author) *A Guide to Killing Woody Plants in West Virginia*. WVAES Circular 107, 1959, 9pp.
- (joint author) *Planting Coniferous Forests in West Virginia*. WVAES Circular 109, 1960, 50pp.
- Journal of Forestry* 53 (1955), 169-170.
- "Translocation of Ammate." *Forest Science* 1 (1955), 41-43.
- (joint author) "Wild Grape Vines—They Can Be Controlled." WVAES Bulletin 369, Pt. 3 (1955), 3, 8.
- "Summer Shoots Cause Permanent Damage to Red Pine." *Journal of Forestry* 54 (1956), 271.
- "The Use of Chemicals in Controlling Forest Stand Composition in the Duke Forest." *Journal of Forestry* 54 (1956), 525-530.
- "Glaze — It's Hard on Hardwoods." WVAES Bulletin 393, Pt. 1-2 (1956-57), 8-9, 15.
- "Effect of Precipitation and Temperature on Increment of Yellow-Poplar." *Forest Science* 3 (1957), 32-44.
- "Effects of Glaze on the Development of Appalachian Hardwoods." *Journal of Forestry* 55 (1957), 130-132.

ARTICLES

- (joint author) "Production and Dissemination of Yellow-Poplar Seed."

ECONOMICS

al Chemistry 228

Excretion of Bro-
*Archives of Bio-
physics* 74 (1958),

sium in Swine as
m-134 and Potas-
of Animal Science

al Studies: Rela-
and Vitamin B₁₂
Metabolism in
Science 39 (1960),

al Studies: 2. The
Dietary Constitu-
tein and Vitamin
lism of Inorganic
e Chick." *Poultry*
1501-1510.
ne on the Sulfate-
Chicks." *Poultry*
267-268.

ry 53 (1955), 169-

Ammate." *Forest*
41-43.

ild Grape Vines—
ntrolled." WVAES
3 (1955), 3, 8.

Cause Permanent
Pine." *Journal of*
6), 271.

cals in Controlling
composition in the
Journal of Forestry
0.

d on Hardwoods." *Jour-*
393, Pt. 1-2 (1956-

ation and Tempera-
ent of Yellow-Pop-
nce 3 (1957), 32-44.
n the Development
Hardwoods." *Jour-*
55 (1957), 130-132.

DIVISION OF FORESTRY

"Comparison of Veon 245 and Esteron
245 for Killing Cull Oaks." *Down to
Earth Winter* (1959), 14-15.

(joint author) "Herbaceous Vegeta-
tion and Shrubs Characteristic of
Oak Sites in West Virginia." *Castanea* 24 (1959), 39-43.

(joint author) "Environmental Fac-
tors Affecting Yellow-Poplar Sur-
vival Under a Young Stand." *Castanea* 25 (1960), 69-73.

(joint author) "History of Forestry
Education at West Virginia Uni-
versity." *Northeastern Logger* 9
(1961), 12-13, 50.

(joint author) "Low Vigor, High Mor-
tality in Your Plantations." WVAES
Bulletin 452 (1961), 6.

(joint author) "Mice—Two Species
Work to Destroy Hardwood Seed-
lings; Poison Stops Them." WVAES
Bulletin 452 (1961), 7-8.

(joint author) "Radapon for Effective
Control of Grass Around Planted
Seedlings." *Down to Earth Spring*
(1961), 13-15.

Goodspeed, Allen W.

MONOGRAPHS

(joint author) *Marketing Forest Prod-
ucts in West Virginia*. WVAES Bul-
letin 421 (1958), 33pp.

ARTICLES

"Determination of the Regulated Em-
pirical Growing Stock from Field
Data." *Journal of Forestry* 43
(1945), 908-914.

"Tree Height Determination from
Aerial Photographs in Iowa." *Ames
Forester* 36 (1949), 23-30.

(joint author) "Managing Forests for
Profit." *Coal Age* 61 (1956), 74-77.

Smith, Robert Leo

ARTICLES

"Dweller of the Grassland." *Nature
Magazine* 40 (1947), 187-189, 218.

"Ways of a Muskrat." *Nature Maga-
zine* 48 (1955), 79-82, 108.

"Conifer Plantations as Wildlife Hab-
itat." *New York Fish and Game Jour-
nal* 55 (1958), 101-132.

"Conifer Plantations and Wildlife." *New
York State Conservationist* 13
(1959), No. 4, 18-20, 36; No. 5, 10-11.

"Abundance of Small Mammals in
Conifer Plantations." *Journal of
Mammalogy* 40 (1959), 253-254.

"The Songs of the Grasshopper Spar-
row." *Wilson Bulletin* 71 (1959),
141-152.

"Birdsfoot Trefoil, a New Forage for
Forest Game in West Virginia." *West
Virginia Conservation* 24
(1960), 20-24.

Tryon, Earl H.

MONOGRAPHS

*European Pine Shoot Moth Attacks
Red Pine Plantations*. WVAES Mim-
eographed Circular 67, 1951, 12pp.

(joint author) *Christmas Trees —
Their Profitable Production in West
Virginia*. WVAES Circular 82,
1951, 29pp.

(joint author) *Blister-Shake of Yel-
lowpoplar*. WVAES Bulletin 350T,
1952, 15pp.

(joint author) *Development of Vege-
tation on Century-Old Iron-Ore Spoil
Banks*. WVAES Bulletin 360, 1953,
63pp.

(joint author) *Rooting American
Holly from Cuttings — Cold-Frame
Method*. WVAES Circular 87, 1953,
20pp.

(joint author) *Regeneration Under
Oak Stands*. WVAES Bulletin 424T,
1958, 22pp.

(joint author) *Establishment of
Seeded Black Locust on Spoil
Banks*. WVAES Bulletin 440, 1960,
34pp.

(joint author) *Planting Coniferous
Forests in West Virginia*. WVAES
Circular 109, 1960, 50pp.

ARTICLES

"Effect of Organic Matter on Deter-
mination of Moisture in a Forest
Soil by Oven-Drying." *Journal of
Forestry* 44 (1946), 1089-1090.

"Effect of Charcoal on Certain Physi-
cal, Chemical, and Biological Prop-
erties of Forest Soils." *Ecological
Monographs* 18 (1948), 81-115.

"Color Comparison of Leaves of Open
and Shade Grown Holly." *Castanea*
14 (1949), 117-126.

(joint author) "Periodic Precipitation
Affects Growth of Yellow Poplar on
a West Virginia Hillside." *Castanea*
17 (1952), 97-102.

"Forest Cover for Spoil Banks." *WVAES Bulletin* 377, Pt. 1 (1952), 4.

(joint author) "Blister-Shake, a
Weather-Induced Defect in Yellow
Poplar." (Abstract) *Phytopathology*
42 (1952), 21.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

- "Pasture Cover for Spoil Banks." WVAES *Bulletin* 357, Pt. 2, (1952), 5, 16.
- (joint author) "Shading Effects of Natural Canopies on Holly Characteristics." *Castanea* 18 (1953), 70-83.
- (joint author) "Cankers and Decay of Living Yellow Birch Caused by *Poria laevigata* (Fr.) Cooke in the Monongahela National Forest." (Abstract) *Phytopathology* 43 (1953), 487.
- "Growing Coniferous Ornamentals from Seed." *National Horticultural Magazine* 33 (1954), 254-256.
- (joint author) "Wild Grape Vines—They Can Be Controlled." WVAES *Bulletin* 369, Pt. 3, (1955), 3, 8.
- (joint author) "Cankers and Decay of Birch Associated with Two *Poria* Species." *Journal of Forestry* 53 (1955), 412-415.
- (joint author) "Some Factors Affecting Management of Conifers and Hardwood in the Allegheny Region." *Journal of Forestry* 54 (1956), 563-567.
- (joint author) "Hardwood Plantations." WVAES *Bulletin* 382, Pt. 3 (1956), 6-8.
- (joint author) "Oak Stem Cankers Initiated in Drought Year 1953." *Phytopathology* 46 (1956), 617-622.
- (joint author) "Stem Cankers on Oak Associated with Drought." (Abstract) *Phytopathology* 46 (1956), 470.
- (joint author) "Glaze—It's Hard on Hardwoods." WVAES *Bulletin* 393, Pt. 1/2 (1956-57), 8, 9, 15.
- (joint author) "Effects of Glaze on the Development of Appalachian Hardwoods." *Journal of Forestry* 55 (1957), 130-132.
- (joint author) "Effect of Precipitation and Temperature on Increment of Yellow-Poplar." *Forest Science* 3 (1957), 32-44.
- (joint author) "Recent Reductions in Annual Radial Increments in Dying Scarlet Oaks Related to Rainfall Deficiencies." *Forest Science* 4 (1958), 219-230.
- (joint author) "Herbaceous Vegetation and Shrubs Characteristic of Oak Sites in West Virginia." *Castanea* 24 (1959), 39-43.
- (joint author) "Environmental Factors Affecting Yellow-Poplar Under a Young Stand." *Castanea* 25 (1960), 69-73.
- (joint author) "Mice—Two Species Work to Destroy Hardwood Seedlings; Poison Stops Them." WVAES *Bulletin* 452 (1961), 7-8.

BOOK REVIEWS

- Willis P. Duruz, *Principles of Nursery Management*. In *Journal of Forestry* 52 (1954), 364-365.

DIVISION OF HOME ECONOMICS

Brown, Sara Ann

ARTICLES

- "West Virginia Surveys Junior High School Grooming Problems." *Practical Home Economics* 29 (1951), 318, 348, 350.
- "Replacement Plan for Home Economics Equipment. *American School Board Journal* 124 (1952), 45-46.
- "Chemistry and/or Physical Science." *Educational Administration and Supervision* 38 (1952), 474-479.
- "Bases for Rural Home Sewing Centers." *Journal of Home Economics* 44 (1952), 110-112.
- "West Virginia Says: Yes, Farm Women Can and Do Contribute to Research." *American Vocational Journal* 28 (Dec. 1953), 15.

ankers on Oak
ought." (Ab-
y 46 (1956),

It's Hard on
Bulletin 393,
9, 15.

of Glaze on
Appalachian
of Forestry

f Precipitation
Increment of
st Science 3

Reductions in
ents in Dying
to Rainfall De-
ence 4 (1958),

aceous Vegeta-
characteristic of
Virginia." Cas-
43.

onmental Fac-
-Poplar Under
Castanea 25

-Two Species
ardwood Seed-
hem." WVAES
7-8.

WS
oles of Nursery
urnal of For-
365.

ysical Science."
tration and Su-
474-479.

ne Sewing Cen-
ome Economics

s: Yes, Farm
o Contribute to
an Vocational
53), 15.

COLLEGE OF ARTS AND SCIENCES

ART

Clarkson, John D.

PAINTINGS

Composition. 1952. Scratchboard Draw-
ing, 14" x 20". Exhibited: Metro-
politan Museum, National Show of
Prints, Drawings, and Graphics.

Turkey Farm. 1956. Oil, 30" x 48".
Exhibited: Butler Art Institute
Show, Youngstown.

Assisi. 1961. Oil, 40" x 50". Exhibited:
Carnegie Gallery, Associated Artists'
Show.

Fusion of Two Worlds. 1961. Oil,
40" x 50". Exhibited: Morgantown
Art League Show, Morgantown.

ONE-MAN EXHIBITIONS

Twenty-Two Paintings, Arts and
Crafts Center Gallery, Pittsburgh,
1947.

Twenty Paintings, Elizabeth Moore
Hall, WVU, 1950.

Twenty-five Paintings, Playhouse Gal-
lery, Pittsburgh, 1954.

Twenty Paintings and Ten Drawings,
School of Music Gallery, WVU, 1961.

GROUP EXHIBITIONS

Three Paintings, Carnegie Gallery,
Pittsburgh, 1947.

Two Paintings and Two Watercolors,
Pittsburgh, Plan for Art Gallery,
1957 and 1958.

One Painting, Playhouse Gallery, Pitts-
burgh, 1957.

One Painting, Playhouse Gallery, Pitts-
burgh, 1958.

One Painting, Peaks of Progress
Exhibition, Kaufmann's, Pittsburgh,
1959.

Eight Paintings, Huntington Galleries,
Huntington, 1961.

Freedman, Ben F.

ONE-MAN EXHIBITIONS

Forty-three Works, Paintings, Draw-
ings, and Ceramic Sculptures, Uni-
versity of Arizona, Tucson, May,
1957.

Forty-three Works, Paintings, Draw-
ings and Ceramic Sculptures, Eliza-
beth Moore Hall, WVU, December,
1957.

Sixty-eight Works, Paintings, Draw-
ings, and Ceramic Sculptures, Sci-

ence Hall, WVU, in Conjunction
with Greater West Virginia Week-
end, May, 1959.

Twenty-eight Paintings and Drawings,
Pittsburgh Playhouse, Pittsburgh,
February, 1961.

PAINTINGS

Oil Painting. 1948. Oil, 18" x 20".
Exhibited: Louisiana Art Commis-
sion, 1949.

The Bell Ringer. 1952. Oil, 40" x 50".
Exhibited 12th Annual Missouri Ex-
hibit, City Art Museum, St. Louis,
1952.

Restaurant at New Orleans. 1952. Oil,
57" x 47". Exhibited: One-man Ex-
hibition, WVU, December, 1957.

Lady With A Fan. 1953. Oil, 19" x 30".
One-man Exhibition, WVU, Decem-
ber, 1957.

Sketch of the Harbor. 1954. Oil.
6" x 10". Exhibited: Isaac Delgado
Museum of Art, Artists Annual
Competitive Exhibition, New Or-
leans, 1961.

View of the Harbor, Genoa. 1954. Oil.
30" x 40". Exhibited Fulbright-Stu-
dentent Stellen ans Junge Ameri-
kamische Kunstler in Europa,
(West Germany), May, 1954.

Munchner Biergarten. 1957. Oil.
48" x 60". Permanent Collection,
University Gallery, University of
Arizona, Tucson, 1957.

Sketch, Biergarten. 1957. Oil and Ink,
14" x 19". Permanent Collection,
University Gallery, University of
Arizona, Tucson, 1957.

Still Life With Oranges. 1957. Oil,
25" x 36". Exhibited: University of
Arizona, 1957, WVU, 1957, Pitts-
burgh Plan for Art, 1960.

The Raising of Lazarus. 1958. Oil,
18" x 22". Exhibited: Greater West
Virginia Weekend, WVU, 1959.

Church Procession. 1958. Oil, 19" x 25".
Exhibited: Huntington Galleries
1959; Pittsburgh Plan for Art 1960;
Model Apartment, Washington
Square Village, New York City, 1960.

The Glass Factory. 1958. Oil, 20" x 24".
Exhibited: Greater West Virginia
Weekend, WVU, 1959.

The Faculty. 1958. Oil, 28" x 44".
Exhibited: Faculty Club, WVU,
1960.

Red Bird. 1958. Oil, 12" x 16". Ex-
hibited: Greater West Virginia
Weekend, WVU, 1959.

COLLEGE OF ARTS AND SCIENCES

Gothic Combat. 1959. Oil, 18" x 20". Exhibited: Art Association of Newport, 49th Annual Exhibition, Newport, R. I., 1960.

Portrait of a Young Student. 1959. Oil, 9½" x 12". Exhibited: Art Association of Newport, 1960.

Odalisque. 1959. Oil, 11½" x 9½". Exhibited: Greater West Virginia Weekend, WVU, 1959.

Table Still Life. 1959. Watercolor, 20" x 30". Exhibited: Greater West Virginia Weekend, WVU, 1960.

Don Quixote on a Horse. 1960. Oil, 30" x 40". Exhibited: Pittsburgh Playhouse, 1961.

Turkish Women. 1960. Watercolor 20" x 30". Exhibited: Pittsburgh Playhouse, 1961; University Fine Arts Festival, WVU, 1961.

Chrysanthemums. 1960. Oil, 45" x 52". Exhibited: Pittsburgh Playhouse, 1961; Hanging: University Library.

Young Man and the Prostitute. 1960. Oil, 45" x 52". Exhibited: Pittsburgh Playhouse, 1961; University Fine Arts Festival, WVU, 1961.

Noah's Ark. 1961. Oil, 45" x 52". Exhibited: Pittsburgh Playhouse, 1961; University Fine Arts Festival, WVU, 1961.

Etruscan Mars. 1961. Oil, 52" x 60". Exhibited: Pittsburgh Playhouse, 1961; University Fine Arts Festival, 1961.

St. George and the Dragon. 1961. Oil, 40" x 50". Exhibited: Pittsburgh Playhouse, 1961.

DRAWINGS

Circus Band. 1958. Ink, 25" x 18½". Exhibited: 8th Annual Exhibition 80, Huntington Galleries, 1960.

Gothic Landscape. 1959. Ink, 17" x 23". Exhibited: National Drawing and Monotype Show, Peoria Art Center, Peoria, Illinois, 1960.

Christ Healing. 1959. Oil, 10" x 12". Exhibited: National Drawing and Monotype Show, Peoria Art Center, Peoria, Illinois, 1960.

Jungle Cats. 1959. Oil, 10½" x 16". Exhibited: Huntington Galleries, 1960.

Mars. 1959. Oil and Ink, 16½" x 8". Exhibited: Pittsburgh Plan for Art, 1960.

Midsummer Night. 1960. Ink Wash, 17" x 25". Exhibited: 6th Annual Show, Ball State Teachers College Art Gallery, Muncie, Indiana, 1960.

Bill Hammond. 1960. Charcoal, 17" x 23". Exhibited: University Fine Arts Festival, WVU, 1960.

CERAMIC SCULPTURE

Cat. 1956. Terra Cotta, Painted, 20"W. x 17"H. Permanent Collection, University Gallery, University of Arizona, Tucson, 1957.

Punchinello. 1956. Terra Cotta, Painted (bust), 12"H. x 6½"W. Exhibited: University Gallery, University of Arizona, Tucson, 1957.

Minotaur Head. 1956. Terra Cotta, 16"H. x 14"W. Exhibited: University of Arizona 1957; WVU, 1957.

Prophet Isaiah. 1957. Terra Cotta, Painted, 6½"H. x 6½"W. Permanent Collection, University Gallery, University of Arizona, 1957.

Head of St. John the Baptist. (Plaque) 1957. Terra Cotta, Painted, 6½"H. x 6½"W. Permanent Collection. University Gallery, University of Arizona, 1957.

Blue Bird. 1957. Terra Cotta, Glazed, 7"H. x 4"W. Collection: Mr. K. H. Rollings, Tucson, Arizona.

Jonah and the Whale. 1957. Terra Cotta, Painted, 14"H. x 18"W. Exhibited: Providence Art Club, Providence, R. I., 1958.

Moss, Joe F.

PAINTINGS

Summer Reflections. 1954. Oil, 36" x 48". Exhibited: Buckhannon Art Exhibit, West Virginia.

Comes Spring. 1957. Oil, 36" x 48". Exhibited: Clarksburg Art Center Show, West Virginia.

Green Night. 1958. Oil, 18" x 48". Exhibited: Exhibition 80, Huntington Galleries, Huntington, West Virginia.

River City. 1958. Oil, 24" x 48". Exhibited: Allied Artists of West Virginia Show, Charleston, West Virginia.

Nude in Bright Light. 1959. Oil, 36" x 48". Exhibited: Exhibition 60, Morgantown, West Virginia.

Lynn in a Red Wicker Rocker. 1960. Oil, 30" x 36". Exhibited: Exhibition 60, Morgantown West Virginia.

Man with Birds. 1960. Ink Drawing, 12" x 24". Exhibited: Exhibition 60, Morgantown, West Virginia.

January. 1961. Ink Drawing, 27" x 33". Exhibited: Exhibition 60, Morgantown, West Virginia.

BIOLOGY

SCULPTURE

- Madonna and Child*. 1954. Metal, 18" H. Exhibited: Western Pennsylvania Sculpture Exhibition, Pittsburgh.
- Ornithic*. 1955. Metal, 39" H. Exhibited: Western Pennsylvania Sculpture Exhibition, Pittsburgh.
- Flight*. 1957. Metal and Glass, 52" H. Exhibited: Western Pennsylvania Sculpture Exhibition, Pittsburgh.

ONE-MAN EXHIBITIONS

- Twelve Oils, Five Watercolors, Six Sculptures, WVU, 1955.
- Twenty Oils, Six Watercolors, Eight Sculptures, Sales House Gallery, Huntington, West Virginia, 1959.
- Twenty Oil Paintings, Fairmont State College, Fairmont, West Virginia, 1961.

OTHER EXHIBITIONS

- Eight Oil Paintings and One Sculpture, Juniors Show, Huntington Galleries, Huntington, West Virginia, 1959.

BIOLOGY

Bartholomew, Elizabeth Ann

MONOGRAPHS

- (joint author) *Spring Wild Flowers—A 4-H Conservation Project*. Cooperative Extension Work in Agriculture and Home Economics, WVU, 1957, 1959. 83pp.
- (joint author) *Summer and Fall Wild Flowers—A 4-H Conservation Project*. Cooperative Extension Work in Agriculture and Home Economics, WVU, 1960. 98pp.
- Spring Flowers in the Arboretum, West Virginia University*. Phi Epsilon Phi, WVU, 1960. 27pp.

ARTICLES

- "Flora of Wirt County, West Virginia." *Castanea* 13 (1948), 145-166.
- "The Family *Hypericaceae* in West Virginia." *Castanea* 15 (1950), 102-109.
- "The Genus *Botrychium* in West Virginia." *Castanea* 16 (1951), 135-137.
- "*Euonymus alatus* Established in West Virginia." *Castanea* 22 ((1957), 139.

Clarkson, Roy B.

ARTICLES

- "A Range Extension of *Saxifraga pensylvanica* L." *Castanea* 20 (1955), 131.
- "Blister Swamp, West Virginia." *Castanea* 22 (1957), 137-138.
- "The Genus *Robinia* in West Virginia." *Castanea* 23 (1958), 56-58.
- "Twinflower in West Virginia." *Castanea* 23 (1958), 110.
- "Scotch Heather in North America." *Castanea* 23 (1958), 119-130.
- "The West Virginia *Spiraea*." *Castanea* 24 (1959), 143-146.
- "Notes on the Distribution of *Alnus crispa* in Eastern North America." *Castanea* 25 (1960), 83-86.

Clovis, Jesse F.

MANUALS

- A Dendrology Workbook*. Morgantown, W. Va. The Book Exchange, 1958, 170pp.

CHAPTERS AND SECTIONS

- "Poisonous Plant Charts." In *Merck Veterinary Manual*. Merck Chemical Company, 1955.

ARTICLES

- "A New Record for *Cladophora* Balls." *American Midland Naturalist* 54 (1955), 508-509.
- "Counting Chromosomes in Orchids." *American Orchid Society Bulletin* 26 (1957), 389-393.
- "A Note about *Orydendrum*." *Castanea* 24 (1959), 51-53.

BOOK REVIEWS

- Edward O. Dodson, *Evolution: Process and Product*. In *Castanea* 25 (1960), 108.
- Edmund W. Sinnott, *Plant Morphogenesis*. In *Castanea* 25 (1960), 136.
- G. G. Simpson, Anne Roe, and R. C. Lewontin, *Quantitative Zoology*. In *Castanea* 25 (1960), 107.

Core, Earl Lemley

BOOKS

- Woody Plants of West Virginia in Winter Condition*. WVU, 1946, 124pp.
- Plant Taxonomy*. Englewood Cliffs, N. J.: Prentice-Hall, 1955, 459pp.

COLLEGE OF ARTS AND SCIENCES

- (joint author) *Common Seed Plants of the Mid-Appalachian Region*. (Second ed.) Morgantown: The Book Exchange, 1955, 305pp.
- (joint author) *Woody Plants in Winter*. Pittsburgh: Boxwood Press, 1958, 218pp.
- Plant Life of West Virginia*. New York: Scholar's Library, 1960, 224pp.

MONOGRAPHS

- The Flora of the Erie Islands*. Ohio State University. Franz Theodore Stone Laboratory. Contribution 9, 1948, 107pp.
- Spring Wild Flowers*. Charleston: West Virginia Conservation Commission, 1948, 100pp. (Second ed.) 1958, 100pp.
- A Checklist of the Vascular Plants of West Virginia*. WVU, 1950, 69pp.
- (joint author) *Flora of West Virginia*. Pt. 1: WVU Bulletin Ser. 52, no. 12-2; Pt. 2: Ser. 53, no. 12-1; Pt. 3: Ser. 58, no. 12-3.
- Outlines of the Flora of West Virginia*. WVU Bookstore, 1954, 149pp.
- (joint author) *Biological Investigations of Cheat Lake*. WVU, 1959, 39pp.

EDITORSHIPS

- Castanea; the Journal of the Southern Appalachian Botanical Club*, 1936-.

CHAPTERS AND SECTIONS

- "Scleria." In *Flora de Cuba*, Brother Leon. Habana: Cultural, 1946, 230-235.
- "Scleria tepnieusis Core sp. nov." In *Contributions to the Flora of Venezuela*. Chicago: Natural History Museum. Publication 667, 1951, 52.
- "Arboretum." In *McGraw-Hill Encyclopedia of Science and Technology* 1 (1960), 500.
- "Botanical Gardens." In *McGraw-Hill Encyclopedia of Science and Technology* 2 (1960), 305-306.
- "Herbarium." In *McGraw-Hill Encyclopedia of Science and Technology* 6 (1960), 418-419.
- "Plant Keys." In *McGraw-Hill Encyclopedia of Science and Technology* 10 (1960), 343-345.
- "Plant Names." In *McGraw-Hill Encyclopedia of Science and Technology* 10 (1960), 367-368.
- "Plant Taxonomic Literature." In *McGraw-Hill Encyclopedia of Science and Technology* 10 (1960), 376.
- "Arbutus." In *World Book Encyclopedia* 1 (1961), 500.

- "Bloodroot." In *World Book Encyclopedia* 2 (1961), 329.
- "Boehmeria." In *World Book Encyclopedia* 2 (1961), 344.
- "Cinquefoil." In *World Book Encyclopedia* 3 (1961), 432-433.
- "Duckweed." In *World Book Encyclopedia* 4 (1961), 301.
- "Fireweed." In *World Book Encyclopedia* 6 (1961), 131.
- "Indian Paintbrush." In *World Book Encyclopedia* 9 (1961), 141.
- "Lungwort." In *World Book Encyclopedia* 11 (1961), 456.
- "Meadow Beauty." In *World Book Encyclopedia* 12 (1961), 278.
- "Milkweed." In *World Book Encyclopedia* 12 (1961), 466.
- "Oregon Grape." In *World Book Encyclopedia* 13 (1961), 642.
- "Ranunculus." In *World Book Encyclopedia* 15 (1961), 137.
- "Spurge Family." In *World Book Encyclopedia* 16 (1961), 636.
- "Toadflax." In *World Book Encyclopedia* 17 (1961), 240.

ARTICLES

- (joint author) "Additions to the Catalogue of the Vascular Plants of West Virginia." Pt. 3: *WVAS Proceedings* 17 (1945), 27-30; Pt. 4: *WVAS Proceedings* 18 (1946), 26-29; Pt. 5: *WVAS Proceedings* 19 (1947), 23-26; Pt. 6: *WVAS Proceedings* 20 (1948), 39-45; Pt. 7: *WVAS Proceedings* 21 (1949), 52-56; Pt. 8: *WVAS Proceedings* 22 (1950), 54-55.
- "Two New Species of Scleria From the Upper Amazon Valley." *Journal of the Washington Academy of Science* 35 (1945), 322.
- (joint author) "The Hollies of West Virginia." *Castanea* 10 (1945), 57-60.
- (joint author) "The Dogwoods of West Virginia." *Castanea* 10 (1945), 88-91.
- (joint author) "Huckleberries, Blueberries and Cranberries of West Virginia." *Castanea* 10 (1945), 103-109.
- "Ramps." *Castanea* 10 (1945), 110-112.
- "On the Need for Revision of the International Code of Botanical Nomenclature." *Castanea* 10 (1945), 116-119.
- "The Southern Appalachian Botanical Club: Past and Future." *Castanea* 10 (1945), 119-120.
- "The Gardens of Colombia." *West Virginia Garden Club News* 10 (1945), 10-12; 10 (1946), 14-15.

BIOLOGY

- Book Ency-
t Book Ency-
Book Ency-
2-433.
Book Ency-
Book Encyclo-
World Book
, 141.
Book Encyclo-
World Book
, 278.
Book Encyclo-
World Book En-
642.
d Book Ency-
37.
World Book En-
, 636.
Book Encyclo-
ns to the Catal-
lar Plants of
3; WVAS Pro-
27-30; Pt. 4:
S (1946), 26-29;
ings 19 (1947).
Proceedings 20
WVAS Proceed-
; Pt. 8; WVAS
, 54-55.
cleria From the
ey." *Journal of*
emy of Science
Hollies of West
0 (1945), 57-60.
gwoods of West
0 (1945), 88-91.
leberries, Blue-
ies of West Vir-
(1945), 103-109.
(1945), 110-112.
ision of the In-
Botanical No-
ea 10 (1945),
chian Botanical
ture." *Castanea*
bia." *West Vir-*
ews 10 (1945),
15.
"Wild Flowers of the Appalachian
Shale Barrens." *Wild Flower* 22
(1946), 13-18.
"The Genus *Scleria* in Cuba." *Memo-*
rias de la Sociedad Cubana de His-
toria Natural "Felipe Poey" 18
(1946), 43-56.
"John Lewis Sheldon, 1865-1947." *Science* 105 (1947), 541.
"The Genus *Scleria* in Colombia." *Caldasia* 5 (1948), 17-32.
"Man's First Gardens." *Garden Glean-*
ings 3, 8 (1949), 2-3; 3, 9 (1949),
8-9.
"Notes on the Plant Geography of
West Virginia." *Castanea* 15 (1950),
61-79.
"Botanizing in the Northern Andes." *Wild Flower* 27 (1951), 6-20.
"The New Arboretum." *WVU Alumni*
Magazine 16 (1951), 4, 21, 22.
"Joseph E. Harned." *Castanea* 16
(1951), 78-79.
"Danske Dandridge." *Castanea* 16
(1951), 138-142.
"Botanizing on Panther Knob, West
Virginia." *Wild Flower* 28 (1952),
35-38.
"The Ranges of Some Plants of the
Appalachian Shale Barrens." *Cast-*
anea 17 (1952), 105-116.
"Lawrence William Nuttall." *Cast-*
anea 17 (1952), 157-164.
"The Southern Appalachian Botanical
Club in 1953. 1. History of the Club
and its Journal, *Castanea*." *Asa Gray*
Bulletin n. s. 2 (1953), 199.
"Pendleton County, West Virginia." *Tribio* 2 (1953), 3-4.
(joint author) "New Plant Records
for West Virginia." *Castanea* 18
(1953), 31.
"The Genus *Scleria* in Brazil." *Rod-*
riguesia 15 (1952), 137-162.
"Cranberry Glades Natural Area." *Wild Flower* 31 (1955), 65-81.
"*Scutellaria ovata* in West Virginia." *Castanea* 22 (1957), 139-140.

BOOK REVIEWS
Roderick Peattie (ed.) *The Great*
Smokies and Blue Ridge. In *Cast-*
anea 10 (1945), 31-32.
Harold N. Moldenke, *American Wild*
Flowers. In *Castanea* 14 (1949), 149-
150.
W. W. Robbins and T. E. Weier, *Bot-*
any: An Introduction to Plant Sci-
ence. In *Castanea* 15 (1950), 138-139.
Gray's *Manual of Botany* (Eighth ed.)
In *Castanea* 15 (1950), 139-141.
A. S. Hitchcock, *Manual of the Grasses*
of the United States. (Second ed.,
Revised by Agnes Chase) In *Cast-*
anea 16 (1951), 82-83.
Henry A. Gleason, *The New Britton*
and Brown Illustrated Flora of the
Northeastern United States and Ad-
acent Canada. In *Castanea* 18
(1953), 34-35.
O. E. Jennings, *Wild Flowers of West-*
ern Pennsylvania and the Upper
Ohio Basin. In *Bulletin of the Tor-*
rey Botanical Club 81 (1954), 471-
472.
Lyman Benson and Robert A. Darrow,
The Trees and Shrubs of the South-
western Deserts. In *Castanea* 19
(1954), 107-108.
Thomas H. Langlois, *The Western*
End of Lake Erie and Its Ecology.
In *Castanea* 19 (1954), 128.
Jesse M. Shaver, *Ferns of Tennessee*.
In *Castanea* 20 (1955), 74-75.
Edmund W. Sinnott and Katherine S.
Wilson, *Botany: Principles and*
Problems. In *Castanea* 20 (1955),
75-76.
George Neville Jones and George Da-
man Fuller, *Vascular Plants of Illi-*
nois. In *Castanea* 20 (1955), 128-129.
F. Schuyler Mathews, *Field Book of*
American Wild Flowers (Revised
and Enlarged by Norman Taylor)
In *Castanea* 20 (1955), 129-131.
Elizabeth M. Riess, *The Garden of*
Chaparral. In *Castanea* 23 (1958),
113-114.
H. J. Scoggan, *Flora of Manitoba*. In
Castanea 23 (1958), 116-117.
Lloyd H. Shinnars, *Spring Flora of the*
Dallas-Fort Worth Area, Texas. In
Castanea 23 (1958), 117-118.
James F. Ferry and Henry S. Ward,
Fundamentals of Plant Physiology.
In *Castanea* 24 (1959), 134.
Jewell Casey, *101 American Wild*
Flowers. In *Castanea* 25 (1960), 67.
Edward J. Van Liere, *A Doctor Enjoys*
Sherlock Holmes. In *Castanea* 25
(1960), 88.
C. L. Porter, *Taxonomy of Flowering*
Plants. In *Castanea* 25 (1960), 88.
Stella Ross-Craig, *Drawings of British*
Plants. Part XIII. In *Castanea* 25
(1960), 107.

Goldberg, Erwin

ARTICLES
(joint author) "Succinic Dehydro-
genase Activity in the Cestode,

COLLEGE OF ARTS AND SCIENCES

Hymenolepis nana." *Experimental Parasitology* 42 (1954), 275-284.

"Observations on the Cytochrome System in *Trichinella spiralis*." *Journal of Parasitology* 42 (1956), 16.

"The Effect of Carbon Monoxide on the Respiration of *T. spiralis* larvae." *American Journal of Tropical Medicine and Hygiene* 6 (1957), 387.

"Studies on the Intermediary Metabolism of *T. spiralis*." *Experimental Parasitology* 6 (1957), 367-382.

"Glycolysis in *T. spiralis* larvae." *Journal of Parasitology* 43 (1957), 44.

"The Glycolytic Pathway in *T. spiralis* larvae." *Journal of Parasitology* 44 (1958), 363-370.

"The Extraction and Analysis of the Nucleic Acids of *T. spiralis* larvae." *Journal of Parasitology* 44 (1958), 32.

(joint author) "Effect of Light on Motility, Life Span, and Respiration of Bovine Spermatozoa." *Science* 130 (1959), 624-625.

(joint author) "The Effect of Aging on Respiration and Glycolysis in Bovine Spermatozoa." *Anatomical Record* 137 (1960), 383.

(joint author) "Prolonged Survival of Human Sperm in Chemically Defined Media at Room Temperatures." *Nature* 188 (1960), 760.

(joint author) "Survival of Spermatozoa in Coconut Milk Extenders." *International Journal of Fertility* 5 (1960), 437-440.

(joint author) "Studies on the Metabolism of Fowl Spermatozoa." *Anatomical Record* 138 (1960), 351.

Montiegel, Ethel C.

ARTICLES

(joint author) "Intracellular Distribution of Sulfhydryl Groups in Liver of Tumorous and Non-Tumorous Rats." (Abstract) *Federation Proceedings* 16 (1957), 95.

(joint author) "Destruction of Animal and Vegetable Tissue by Combusting in the Parr Oxygen Bomb." *Journal of the American Industrial Hygiene Association* 19 (1958), 378-381.

(joint author) "Analysis of Biological Material for Boron." *A. M. A. Archives of Industrial Health* 17 (1958), 210-217.

Tolbert, Robert J.

ARTICLES

(joint author) "The Shoot Apex in *Bombax*." *Bulletin of the Torrey Botanical Club* 87 (1960), 173-186.

"A Seasonal Study of the Vegetative Shoot Apex and the Pattern of Pith Development in *Hibiscus Syriacus*." *American Journal of Botany* 48 (1961), 249-255.

CHEMISTRY

Gibson, John A., Jr.

ARTICLES

(joint author) "Dielectric Constant for the Dioxane-Water System from 20° to 35°." *Journal of the American Chemical Society* 75 (1953), 1991.

(joint author) "Dielectric Constant and Refractive Index from 20-35° and Density at 25° for the System Tetrahydrofuran-Water." *Journal of the American Chemical Society* 75 (1953), 6044.

(joint author) "The Use of a Radio-Frequency Oscillator in Student Analysis." *Journal of Chemical Education* 31 (1954), 54.

(joint author) "Spectrochemical Study of Gravimetric Procedure for Barium, Strontium, and Calcium." *Analytical Chemistry* 26 (1954), 767.

(joint author) "Analysis of Binary Solvent Mixtures of Conducting Solutions by a Radio Frequency Method." *Analytical Chemistry* 26 (1954), 835.

(joint author) "An Improved Non-Inductive Cell for Measurement of Dielectric Constant and Conductance at Radio Frequencies." *WVAS Proceedings* 25 (1953), 46.

(joint author) "Conductometric Standardization of Solutions of Common Divalent Ions Using Disodium Salt of Ethylenediaminetetraacetic Acid." *Analytical Chemistry* 26 (1954), 1484.

(joint author) "Some Evaluations of High Frequency Titration." *Analytical Chemistry* 26 (1954), 1539.

(joint author) "Conductometric Titrations with Dimethylglyoxime." *Analytical Chemistry* 27 (1955), 1504.

(joint author) "Qualitative Test for Potassium Using Sodium Tetra-

CHEMISTRY

- phenylboron." *Journal of Chemical Education* 36 (1959), 380.
- (joint author) "A New Approach to the Qualitative Analysis of the Alkali and Alkaline Earth Elements Based on the Sodium Tetraphenylboron Test of Potassium." *WVAS Proceedings* 31 (1959), 36-40.
- (joint author) "Conductometric Titration of Disodium Versenate with Barium Ion, Effect of Dilution and Ammonia Concentration on Curve Form." *WVAS Proceedings* 32 (1960), 143-145.

Graybeal, Jack D.

ARTICLES

- (joint author) "Nuclear Quadrupole Spectra of the Chloroacetonitriles." *Journal of Physical Chemistry* 62 (1958), 483.
- (joint author) "Stark Effect at 2.0 and 1.2 Millimeters Wavelength: Nitric Oxide." *Physical Review* 109 (1958), 1553.
- "Microwave Spectrum and Molecular Structure of Monochloroacetonitrile." *Journal of Chemical Physics* 32 (1960), 1258.
- (joint author) "Microwave Spectrum of Fluoroacetonitrile." *WVAS Proceedings* 32 (1960), 195A.
- (joint author) "Microwave Spectrum of Chromyl Fluoride." *WVAS Proceedings* 33 (1961), 37-43.

Hall, George A.

ARTICLES

- (joint author) "The Kinetics of the Decomposition of Certain Salts of Trichloroacetic Acid in Ethanol-Water Mixtures." *Journal of the American Chemical Society* 69 (1947), 613.
- "A Sodium Atom Model." *Journal of Chemical Education* 24 (1947), 564.
- "The Kinetics of the Decomposition of Malonic Acid in Aqueous Solution." *Journal of the American Chemical Society* 71 (1949), 2691.
- "The Kinetics of the Decomposition of Malonamic Acid in Aqueous Solution." *Journal of the American Chemical Society* 72 (1950), 4709.
- (joint author) "A Survey of the Effects of Change of pH, Solvent and Salt Concentration on the Rate of the Periodate-Glycol Reaction." *Journal of the American Chemical Society* 77 (1955), 2656.

Journal of the American Chemical Society 77 (1955), 2656.

BOOK REVIEWS

- Linus Pauling, *General Chemistry*. In *Chemical and Engineering News* 27 (1949), 1234.
- Harper W. Frantz, *A Laboratory Study of Chemical Principles* and Harper W. Frantz & Lloyd E. Malm, *A Laboratory Course for Pauling's General Chemistry*. In *Chemical and Engineering News* 27 (1949), 1234.

Hall, James L.

ARTICLES

- "Liquid-Vapor Equilibria, Refractive Indices and Freezing Points in the System: 2-Methylfuran-Methanol." *WVAS Proceedings* 22 (1950), 72-79.
- "Polarization of Nitromethane in Benzene." *WVAS Proceedings* 23 (1951), 64-68.
- "High-Frequency Titration, A Bridge Method." *Analytical Chemistry* 23 (1951), 966-970.
- "Comparative Visible and Ultra Violet Spectra of Copper Salts in Water Solution." *WVAS Proceedings* 24 (1952), 89-92.
- "An Electron Microscope Study of Some West Virginia Manganese Ores." *WVAS Proceedings* 24 (1952), 93-95.
- "High-Frequency Titration, Theoretical and Practical Aspects." *Analytical Chemistry* 24 (1952), 1236-1240.
- "Practical High-Frequency Titration Apparatus for General Laboratory Use." *Analytical Chemistry* 24 (1952), 1244-1247.
- "A Spectrophotometric Study of Metal Ion Complexes of Propylenediamine. I. Complexes with Copper (II) Ion." *WVAS Proceedings* 25 (1953), 37-39.
- "An Improved Non-Inductive Cell for Measurement of Dielectric Constant and Conductance at Radio Frequencies." *WVAS Proceedings* 25 (1953), 46.
- "Dielectric Constant for the Dioxane-Water System from 20 to 35°." *Journal of the American Chemical Society* 75 (1953), 1991.
- "Spectrophotometric Investigation of the Copper (II) Ion-Triethanolamine Complex." *Journal of the American Chemical Society* 75 (1953), 3953-3955.

COLLEGE OF ARTS AND SCIENCES

- "Dielectric Constant and Refractive Index from 20 to 35° and Density at 25° for the System Tetrahydrofuran-Water." *Journal of the American Chemical Society* 75 (1953), 6044-6045.
- "The Use of a Radio-Frequency Oscillator in Student Analysis." *Journal of Chemical Education* 31 (1954), 54-59.
- "A Spectrophotometric Study of Metal Ion Complexes of Propylenediamine. II. Complexes with Nickel (II) Ion." *WVAS Proceedings* 26 (1954), 17-20.
- "Dielectric Constant of Ethanol-Water Mixtures at 25 Degrees C." *WVAS Proceedings* 26 (1954), 26-27.
- "Analysis of Binary Solvent Mixtures of Conducting Solutions by a Radio-Frequency Method." *Analytical Chemistry* 26 (1954), 835-838.
- "Conductometric Standardization of Solutions of Common Divalent Metallic Ions Using Disodium Salt of Ethylenediaminetetraacetic acid." *Analytical Chemistry* 26 (1954), 1484-1486.
- "Some Evaluations of High-Frequency Titration." *Analytical Chemistry* 26 (1954), 1539-1542.
- "A Spectrophotometric Study of Metal Ion Complexes of Propylenediamine. III. Complexes with Cobalt (II) Ion." *WVAS Proceedings* 27 (1955), 37-39.
- "Chemical Stunts I. Multicolor Clock Reactions." *WVAS Proceedings* 27 (1955), 50.
- "Conductometric Titrations with Dimethylglyoxime." *Analytical Chemistry* 27 (1955), 1504-1505.
- "Complexes Formed Between Copper (II) Ion and N,N,N',N'-Tetrakis-(2-hydroxypropyl)-ethylenediamine." *Journal of the American Chemical Society* 79 (1957), 3361-3364.
- "Metal Ion Complexes of 2-(2-Aminoethylamine)-ethanol. Reaction of the Copper (II) Complexes with Sodium Hydroxide." *Journal of the American Chemical Society* 80 (1958), 4183-4188.
- "Complexes Formed Between Nickel (II) Ion, Quadrol, and Sodium Hydroxide." *WVAS Proceedings* 29 (1957), 47-50.
- "Polarization of Ethanol in Benzene." *WVAS Proceedings* 29 (1957), 53-57.
- "Coordination Compounds of the Alcohol Amines — General Considerations for Copper (II) Complexes." *WVAS Proceedings* 30 (1958), 147-150.
- "Polarization of Ethanol in Dioxane." *WVAS Proceedings* 30 (1958), 155-159.
- "Metal Ion Complexes of N,N'-Bis-(2-hydroxyethyl)-ethylenediamine. Reaction of the Copper (II) Complexes with Sodium Hydroxide." *Journal of the American Chemical Society* 82 (1960), 3300-3303.
- "Metal Chelates of Alkanol-Substituted Amines." *Journal of the American Chemical Society* 82 (1960), 3303-3308.
- "Color of West Virginia Crude Oil, A Spectrophotometric Study." *WVAS Proceedings* 32 (1960), 137-142.
- "Conductometric Titration of Disodium Versenate with Barium Ion, Effect of Dilution and Ammonia Concentration on Curve Form." *WVAS Proceedings* 32 (1960), 143-147.

Hickman, James B.

ARTICLES

- "Construction and Calibration of a Simple Packed-Column Still." *WVAS Proceedings* 19 (1947), 65-68.
- "Objective Determinations of Freezing Points." *Journal of Chemical Education* 25 (1948), 163-167.
- "Cooling Curves as a Criterion of Purity." *WVAS Proceedings* 20 (1948), 87-90.
- (joint author) "The Analytical Separation of Cobalt and Zinc." *WVAS Proceedings* 21 (1949), 59-60.
- (joint author) "Liquid-Vapor Equilibria in the System: Nitromethane-Trichloroethene." *Journal of Chemical Education* 26 (1949), 207-209.
- (joint author) "Liquid-Vapor Equilibria, Refractive Indices and Freezing Points in the System: 2 Methylfuran-methanol." *WVAS Proceedings* 22 (1950), 72-76.
- (joint author) "Liquid-Vapor Equilibria in the System: Acetonitrile-Ethylene Dichloride." *WVAS Proceedings* 22 (1950), 69-71.
- "Determination of Hydrogen Peroxide in the Presence of Organic Matter." *WVAS Proceedings* 23 (1951), 76-79.
- "Correlation of Energies of Vaporization." *WVAS Proceedings* 24 (1952), 98-103.

(joint a
ization
Substa
Chem
"Existen
2-Meth
ican
4344.
(joint a
istics
tures."
Chem
2881.
(joint a
minati
groscop
ings 2
"An Em
Vapor
orizati
(1954)
(joint a
Multico
Procee
"Solubili
Perfluc
Americ
(1955).
(joint a
Certain
Journa
(1955),
"A Labor
etry."
tion 33
"Relating
ary Li
trolytes
Compon
(1957),
(joint au
Pressur
ceeding

Humphr

(joint aut
Propert
Bureau
tions 48
(joint aut
Propert
Bureau
tion 488

(joint au
Spiroper
ican Ch
332-335.

CHEMISTRY

(11) Complexes." 30 (1958), 147-

nol in Dioxane." 30 (1958), 155-

ces of N,N'-Bis-ethylenediamine. Copper (II) Com-um Hydroxide." *American Chemical* 3300-3303.

kanol-Substituted of the *American* 82 (1960), 3303-

nia Crude Oil, A Study." *WVAS* 960), 137-142.

ration of Diso-ith Barium Ion, and Ammonia Curve Form." 32 (1960), 143-

B.

ES

Calibration of a umn Still." *WVAS* 947), 65-68.

tions of Freezing Chemical Educa-167.

a Criterion of *Proceedings* 20

Analytical Sepa-and Zinc." *WVAS* 949), 59-60.

iquid-Vapor Equi-um: Nitromethane-*Journal of Chemi-* (1949), 207-209.

iquid-Vapor Equi-ndices and Freez-System: 2 Methyl-*WVAS Proceedings*

mid-Vapor Equilib-um: Acetonitrile-ide." *WVAS Pro-*, 69-71.

Hydrogen Peroxide Organic Matter." 23 (1951), 76-79.

gies of Vaporiza-*ceedings* 24 (1952),

(joint author) "The Energy of Vapor-ization of Non-ionic, Non-associated Substances." *Journal of Physical Chemistry* 56 (1952), 420-426.

"Existence of Two Solid Forms of 2-Methylfuran." *Journal of the Amer-ican Chemical Society* 75 (1953), 4344.

(joint author) "Solubility Character-istics of Some Binary Liquid Mix-tures." *Journal of the American Chemical Society* 75 (1953), 2879-2881.

(joint author) "Apparatus for Deter-mination of Cooling Curves for Hy-groscopic Liquids." *WVAS Proceed-ings* 25 (1953), 40-41.

"An Empirical Equation Connecting Vapor Pressure and Energy of Vap-orization." *WVAS Proceedings* 26 (1954), 28-29.

(joint author) "Chemical Stunts: Multicolor Clock Reactions." *WVAS Proceedings* 27 (1955), 50.

"Solubility of Isomeric Hexanes in Perfluoroheptane." *Journal of the American Chemical Society* 77 (1955), 6154-6156.

(joint author) "Total Pressure Over Certain Binary Liquid Mixtures." *Journal of Physical Chemistry* 59 (1955), 42-45.

"A Laboratory Experiment in Photom-etry." *Journal of Chemical Educa-tion* 33 (1956), 560-562.

"Relating the Characteristics of Bin-ary Liquid Mixtures of Non-elec-trolytes to the Structure of Their Components." *WVAS Proceedings* 29 (1957), 58-60.

(joint author) "A Simplified Total Pressure Apparatus." *WVAS Pro-ceedings* 30 (1958), 151-154.

Humphrey, George L.

MONOGRAPHS

(joint author) *Some Thermodynamic Properties of Ferrous Oxide*. U. S. Bureau of Mines Report of Investiga-tions 4870, 1952, 16pp.

(joint author) *Some Thermodynamic Properties of Silicon Carbide*. U. S. Bureau of Mines Report of Investiga-tion 4880, 1952, 23pp.

ARTICLES

(joint author) "The Structure of Spiropentane." *Journal of the Amer-ican Chemical Society* 67 (1945), 332-335.

(joint author) "The Electron Diffrac-tion Investigation of Isomeric Lewis-ites." *Journal of the American Chem-ical Society* 69 (1947), 1713-1716.

(joint author) "The Absorption Spec-trum of Ozone in the Visible. I. Ex-amination for Fine Structure; II. The Effect of Temperature." *Journal of Chemical Physics* 15 (1947), 794-798.

(joint author) "Bond Hybridization in the Non-Tetrahedral Carbon Atom. The Heats of Combustion of Spiro-pentane and Methylcyclobutane." *Journal of Chemical Physics* 18 (1950), 902.

"Heats of Formation of TiO, TiO₂, Ti₂O₃ and TiO₂ from Combustion Cal-orimetry." *Journal of the American Chemical Society* 73 (1951), 1587-1590.

"Heats of Formation of Titanium Ni-tride and Titanium Carbide." *Jour-nal of the American Chemical So-ciety* 73 (1951), 2261-2263.

(joint author) "Heats of Formation of Quartz and Cristobalite." *Jour-nal of the American Chemical So-ciety* 74 (1952), 2041-2042.

"Heats of Formation of Stannic and Stannous Oxides from Combustion Calorimetry." *Journal of the Amer-ican Chemical Society* 75 (1953), 2805-2806.

"Heats of Formation of Hafnium Oxide and Hafnium Nitride." *Jour-nal of the American Chemical So-ciety* 75 (1953), 2806-2807.

"Heats of Formation of Tantalum, Niobium and Zirconium Oxides, and Tantalum Carbide." *Journal of the American Chemical Society* 76 (1954), 978-980.

(joint author) "Analysis of Low-Tem-perature Tar Phenols Boiling up to 234°C." *Fuel* 37 (1958), 227-235.

(joint author) "Identification and De-termination of Low-Boiling Phenols in Low-Temperature Coal Tar." *Analytical Chemistry* 30 (1958), 1413-1416.

Lazzell, Charles L.

ARTICLES

(joint author) "Pyrolysis of Some Polyethyleneamines." *Journal of the American Chemical Society* 67 (1945), 1966.

(joint author) "The Solubility of Ace-tyl-p-toluidine in Various Solvents."

COLLEGE OF ARTS AND SCIENCES

- Journal of Physical Chemistry* 50 (1946), 23.
- (joint author) "Some Reactions of Phenylmorpholine." *WVAS Proceedings* 18 (1947), 63.
- (joint author) "Some Physical Properties of Morpholine." *WVAS Proceedings* 19 (1949), 61.
- (joint author) "Some Reactions of Ethyleneamine." *Journal of the American Chemical Society* 72 (1950), 2866.
- (joint author) "The Rate of Saponification of Acetates of Unsaturated Alcohols." *Journal of Physical Chemistry* 56 (1952), 461.
- (joint author) "Solubility of Orthobromobenzoic Acid in Various Solvents." *WVAS Proceedings* 27 (1956), 51-53.
- (joint author) "Chloromethylation of Methyl-Substituted Benzaldehydes." *WVAS Proceedings* 29 (1957), 51.
- Chemical Society* 73 (1951), 4627-4629.
- (joint author) "2,2'-Diphenic Acid in the Arndt-Eistert Synthesis." *WVAS Proceedings* 25 (1953), 42-43.
- (joint author) "Azabenzazulenes. I 1-Azabenz(b,f)azulene." *Journal of the American Chemical Society* 77 (1955), 1006-1009.
- (joint author) "Azabenzazulenes. II. Attempted Preparation of Three Azatribenzazulenes and One Diaza-tribenazulene." *Journal of the American Chemical Society* 77 (1955), 3393-3395.
- (joint author) "Attempted Synthesis of 2,3-Dihydrodibenz(d,f)azepin-3-one." *WVAS Proceedings* 27 (1955), 46-49.
- (joint author) "A Novel Ring Closure Involving a Nitro Group; Preparation of Phenanthridine-5-oxide." *Journal of the American Chemical Society* 79 (1957), 6500-6504.
- (joint author) "Azabenzazulenes. III. 1-Azanaphth(1,2-b)azulene." *Journal of Organic Chemistry* 23 (1958), 395-397.
- (joint author) "Condensations Reactions of a Nitro Group. II. Preparation of Phenanthridine-5-oxides and Benzo(c)cinoline-1-oxide." *Journal of Organic Chemistry* 25 (1960), 736-740.

MacDowell, Denis W. H.

ARTICLES

- (joint author) "Rearrangement of Allyl Groups in Three-Carbon Systems Benzene and Phenanthrene Derivatives." *Journal of the American Chemical Society* 78 (1956), 2547.
- "Naphthalene Derivatives." *Journal of the American Chemical Society* 78 (1956), 2551.
- (joint author) "The Condensation Product of 9,10-Phenanthrenequinone with Ethyl Acetoacetate." *Journal of the American Chemical Society* 80 (1958), 5513.
- (joint author) "The Synthesis of Some Monofluoro-1, 2-benzanthracenes." *Journal of Organic Chemistry* 24 (1959), 509.

Muth, Chester William

ARTICLES

- (joint author) "The Behavior of 3-Methylphthalic Anhydride in Friedel-Crafts and Grignard Condensations." *Journal of the American Chemical Society* 72 (1950), 5191-5193.
- (joint author) "Normal and Pseudo Esters of 2-Benzoylbenzoic Acid Types. III." *Journal of the American*

Paul, Armine D.

ARTICLES

- "The Fluoride Complexes of Zinc, Copper, and Lead Ions in Aqueous Solution." *Journal of the American Chemical Society* 80 (1958), 2069-2071.
- "Qualitative Test for Potassium Using Sodium Tetraphenylboron." *Journal of Chemical Education* 36 (1959), 380-381.
- (joint author) "A New Approach to the Qualitative Analysis of the Alkali and Alkaline Earth Elements Based on the Sodium Tetraphenylboron Test for Potassium." *WVAS Proceedings* 31 (1959), 36-40.
- "The Fluoride Complexing of Scandium (III) in Aqueous Solution; Free Energies, Heats and Entropies." *Journal of the American Chemical Society* 81 (1959), 4185-4189.

CLASSICS

"The Fluoride Complexing of Y (III) in Aqueous Solution." *Journal of Physical Chemistry* 65 (1961), 441-443.

Popovich, Peter

ARTICLES

(joint author) "Chloromethylation of Methyl-Substituted Benzaldehydes." *WVAS Proceedings* 29 (1957), 51.

Wilhelm, Dale L.

ARTICLES

"Low Concentration Chemistry. V. The Spontaneous Deposition of Silver-111 on Various Metals." *Journal of the American Chemical Society* 75 (1953), 5432.

"Szilard-Chalmers Reaction in Some Rhenium Compounds." *Journal of Inorganic and Nuclear Chemistry* 3 (1956), 1-8.

Winston, Anthony

ARTICLES

(joint author) "Brominative Decarboxylation of Silver Salts of Apocamphane-1-carboxylic Acid." *Journal of the American Chemical Society* 75 (1953), 5370.

(joint author) "A New Nortricyclene Derivative." *Journal of the American Chemical Society* 76 (1954), 3045.

(joint author) "An Infrared Investigation of the Stereochemistry of Some Tricyclic Lactones." *Journal of the American Chemical Society* 77 (1955), 5598.

(joint author) "Studies in the Bicyclo-[2,2,1]-heptane Series. III. Some Aliphatic Bicyclo-[2,2,1]-7-heptanones." *Journal of the American Chemical Society* 78 (1956), 868.

(joint author) "Studies in the Bicyclo-[2,2,1]-heptane Series. IV. Brominative Bisdecarboxylation of Some Alicyclic Dicarboxylic Acids." *Journal of Organic Chemistry* 22 (1957), 876.

(joint author) "The Infrared Spectra of Some Metal Chelates of *B*-Diketones." *Journal of Physical Chemistry* 62 (1958), 635.

CLASSICS

Brouzas, Christopher G.

MONOGRAPHS

Byron's Maid of Athens: Her Family and Surroundings. WVU Philological Papers 7 (1949), 65pp.

CHAPTERS AND SECTIONS

"To D. M. Robinson." (Epigram in ancient Greek on his 70th birthday). In *Studies Presented to David Moore Robinson . . . On His Seventieth Birthday*, George E. Mylonas (ed.), St. Louis: Washington University, 1953 v.2, v.

ARTICLES

"Public and Private Libraries in Ancient Athens." *WVAS Proceedings* 17 (1945), 80-87.

"Teresa Macri." (Abstract) *Proceedings of the American Philological Association* 76 (1945), xxxi.

"Teresa Macri, the 'Maid of Athens,' 1797-1875." *WVU Philological Papers* 5 (1948), 1-31.

"Ancient Books." *Classical Journal* 46 (1950), 147-151.

"Teresa Macri." *Athene* (Chicago) 11 (1950), 18, 46-50.

"Whittington's Letters to Mariana Macri." *WVAS Proceedings* 22 (1950), 107-111.

"The Preference for the Blond Type in Ancient Greece and Rome." *Athene* (Chicago) 11, 4 (1951), 12-14, 50.

"Libraries in Ancient Athens." *Classical Outlook* 29 (1951), 13-15.

BOOK REVIEWS

Cicero, *De inventione, De optimo genere oratorum, Topica.* (H. M. Hubbell, tr.) In *Classical Bulletin* 28 (1952), 59.

ENGLISH

Bishop, Carter R.

ARTICLES

"General Themes in Pope's Satires." *WVU Philological Papers* 6 (1949), 54-68.

COLLEGE OF ARTS AND SCIENCES

Brawner, James Paul

MONOGRAPHS

A New Plan for the Allocation of State Aid to Schools. Morgantown, W. Va.: West Virginia Legislative Committee on Government and Finance and the Commission on Interstate Cooperation, 1952, 32pp.

ARTICLES

- "Thoreau as Wit and Humorist." *South Atlantic Quarterly* 44 (1945), 170-176.
- "West Virginia University: Servant of the Whole State." *WVU Alumni Magazine* 16,2 (1950), 2-3, 20-22.
- (joint author) "West Virginia's Waste of Talent." *West Virginia School Journal* 78,9 (1950), 7-8.
- "Emerson's Debt to Italian Art." *WVU Philological Papers* 8 (1951), 49-58.
- "Liberal Education and Vocational Education." *Bulletin of the West Virginia Association of Higher Education* 6, 2 (1957), 1, 3-4.

BOOK REVIEWS

- Reginald Cook, *Passage to Walden.* In *South Atlantic Quarterly* 48 (1949), 607-608.
- J. W. Krutch: *Thoreau.* In *South Atlantic Quarterly* 58 (1949), 298-299.
- J. Grossman: *James Fenimore Cooper.* In *South Atlantic Quarterly* 49 (1950), 414-416.
- E. Seybold: *Thoreau: The Quest and the Classics.* In *South Atlantic Quarterly* 51 (1952), 169-170.
- S. M. Armens, *John Gay, Social Critic.* In *South Atlantic Quarterly* 55 (1956), 246-247.

Buswell, Mary Catherine

MONOGRAPHS

Faculty Handbook for the College of Arts and Sciences. WVU, 1954, 69pp.

ARTICLES

- "Suggestions to the Teacher of Report Writing." *College Composition and Communication* 8 (1957), 229-233.

Crocker, Stephen F.

ARTICLES

- "Another Word to the Wise." *Word Study* 23 (1948), 7.

"Banking from a Customer's Point of View." *Bulletin of the West Virginia Bankers Association* June (1948), 3-4.

"To Integrate or Disintegrate." *WVU Alumni Magazine* 14, 2 (1948), 3-4, 22.

"General Education at West Virginia University." *Higher Education* 5, 12 (1949), 140-141.

"Sherlock Holmes's Appreciation of Nature." *WVU Philological Papers* 6 (1949), 86-99.

"New Developments at West Virginia University." *Notes and Comments on General Education* May (1951).

Davis, Lloyd M.

POEMS

- "On the Death of a Young Girl." *Word Summer* (1958), 5.
- "Night Walk." *Stylus* 4 (1959), 26.
- "5:49." *Stylus* 4 (1959), 27.
- "A Pilot of the R.A.F., Down at Sea." *Georgia Review* 14 (1960), 306.

Draper, John W.

BOOKS

- The Humors and Shakespeare's Characters.* Durham, N. C.: Duke University, 1945, 126pp.
- The "Twelfth Night" of Shakespeare's Audience.* Stanford, Calif.: Stanford University Press, 1950, 280pp.
- The "Othello" of Shakespeare's Audience.* Paris: Didier, 1952, 246pp.
- The Tempo Patterns of Shakespeare's Plays.* Heidelberg: Universitätsverlag, 1957, 163pp.
- Stratford to Dogberry.* Pittsburgh: University of Pittsburgh Press, 1961, 320pp.

MONOGRAPHS

Rhyme in the Pacific. Morgantown: WVU, 1959, 29pp.

CHAPTERS AND SECTIONS

"Scene-Tempo in *Macbeth*." In *Shakespeare-Studien, Festschrift für Heinrich Mutschmann.* Marburg/Lahn: Verlag N.G. Elwert, 1951, 56-63.

ARTICLES

- "The Tempo of Shylock's Speech." *Journal of English and Germanic Philology* 44 (1945), 281-285.

ENGLISH

mer's Point of
West Virginia
June (1948).

tegrate." WVU
2 (1948), 3-4.

West Virginia
Education 5,

appreciation of
ological Papers

West Virginia
and Comments
n May (1951).

ung Girl." Word

4 (1959), 26.

). 27.

, Down at Sea."
(1960), 306.

Shakespeare's Char-
C.: Duke Uni-

of Shakespeare's
Calif.: Stanford
1950, 280pp.

Shakespeare's Audi-
1952, 246pp.

of Shakespeare's
Universitätsver-

rry. Pittsburgh:
burgh Press, 1961,

APHS

fic. Morgantown:

SECTIONS

ebeth." In *Shake-*
tschrift für Hein-
Marburg/Lahn:
t, 1951, 56-63.

LES

hylock's Speech."
sh and Germanic
5), 281-285.

"Signior Brabantio's Humor." *Bulle-*
tin of the History of Medicine 18
(1945), 539-543.

"Shakespeare and the Conversazione."
Italica 23 (1946), 7-17.

"Shakespeare and Florence and the
Florentines." *Italica* 23 (1946), 287-
293.

"Shakespeare's Attitude Toward Old
Age." *Journal of Gerontology* 1
(1946), 118-126.

"The Tempo of Shakespeare's Speech."
English Studies (Holland) 27
(1946), 116-120.

"The Speech-Tempo of Brutus and
Cassius." *Neophilologus* 30 (1946),
184-186.

"Changes in Tempo of Desdemona's
Speech." *Angelica* (Florence) 1
(1946), 149-153.

"Speech-Tempo and Humor in Shake-
speare's Antony." *Bulletin of the*
History of Medicine 20 (1946), 426-
432.

"Contrast of Tempo in the Balcony
Scene." *Shakespeare Association Bul-*
letin 22 (1947), 130-135.

"Shakespeare and the Doge of Venice."
Journal of English and Germanic
Philology 46 (1947), 75-81.

"The Tempo of Hamlet's Role." *Rivista*
di Letterature Moderne 2 (1947),
193-203.

"Patterns of Humor and Tempo in
Macbeth." *Neophilologus* 31 (1947),
202-207.

"Speech-Tempo in Act I of *Othello*."
WVU *Philological Papers* 5 (1947),
49-58.

"Patterns of Tempo and Humor in
Othello." *English Studies* 28 (1947),
65-74.

"Patterns of Humor and Tempo in
King Lear." *Bulletin of the History*
of Medicine 21 (1947), 390-401.

"The Tempo of Richard II's Speech."
Studia Neophilologica 22 (1948), 88-
94.

"Tempo in *Love's Labour's Lost*." *Eng-*
lish Studies 29 (1948), 129-137.

"Patterns of Tempo in Shakespeare's
Timon." *Shakespeare Association*
Bulletin 23 (1948), 188-194.

"Thomas J. Wise and the Wrenn Cata-
logue." *Modern Language Notes* 63
(1948), 135-138.

"Patterns of Tempo in *Richard III*."
Neophilologische Mitteilungen 50
(1949), 1-12.

"The Date of *Romeo and Juliet*." *Re-*
view of English Studies 25 (1949),
55-57.

"Patterns of Style in *Romeo and*
Juliet." *Studia Neophilologica* 21
(1949), 195-210.

"The Heroes of Shakespeare's Trage-
dies." WVU *Philological Papers* 6
(1949), 12-21.

"Patterns of Style in *Othello*." WVU
Philological Papers 8 (1951), 32-
39.

"Shakespeare and Abbas the Great."
Philological Quarterly 30 (1951),
419-425.

"Humor and Tempo in *The Tempest*."
Neuphilologische Mitteilungen 52
(1951), 205-217.

"The Objective Genitive and 'Run-
aways eyes'." *Journal of English*
and Germanic Philology 51 (1952),
580-583.

"Shakespeare and the Lombard Cities."
Rivista di Letterature Moderne 4
(1953), 54-58.

"Shakespeare and India." *Annales*
publiées par la Faculté des Lettres
de Toulouse 2 (1953), 1-12.

"Patterns of Tempo in *Measure for*
Measure." WVU *Philological Papers*
9 (1953), 11-19.

"The Date of Henry IV." *Neophilolo-*
gus 38 (1953), 257-260.

"Shakespeare and Muscovy." *Slavonic*
and East European Review 33
(1954), 217-221.

"Ethiopian in Shakespeare." *Anglia*
73 (1954), 65-70.

"Indian and Indies in Shakespeare."
Neuphilologische Mitteilungen 56
(1955), 103-112.

"The Turk in *Henry VI, Part I*." WVU
Philological Papers 10 (1956), 37-39.

"Shakespeare and the Turk." *Journal*
of English and Germanic Philology
55 (1956), 523-532.

"The Origin of Rhyme." *Revue de*
Littérature Comparée 31 (1957),
74-85.

"The Early Troubadours and Persian
Poetry." *Rivista di Letterature Mo-*
derne 10 (1957), 249-258.

"Characterization in Shakespeare's
Plays." WVU *Philological Papers*
11 (1958), 1-15.

"Dramatic Irony in Shakespeare's
Earlier Plays." WVU *Philological*
Papers 12 (1959), 1-11.

"Shakespeare's Use of the Grand
Entry." *Neophilologus* 44 (1960),
128-136.

"Subjective Conflict in Shakespearean
Tragedy." *Neuphilologische Mittei-*
lungen 41 (1960), 214-221.

COLLEGE OF ARTS AND SCIENCES

"Shelley and Arabic-Persian Lyric Style." *Rivista di Letterature Moderne* 13 (1960), 92-95.

BOOK REVIEWS

- Isabel Chase, *Horace Walpole: Gardenerist*. In *Modern Language Quarterly* 6 (1945), 109-110.
- Harley Granville-Barker, *Prefaces to Shakespeare*, Vol. I. In *South Atlantic Quarterly* 46 (1947), 409-412.
- Harley Granville-Barker, *Prefaces to Shakespeare*, Vol. II. In *South Atlantic Quarterly* 47 (1948), 118-119.
- Lawrence Babb, *The Elizabethan Malady. A Study of Melancholia from 1580 to 1642*. In *Modern Language Review* 47 (1952), 571.
- Johnstone Parr, *Tamburlaine's Malady and other Essays on Astrology*. In *Shakespeare Quarterly* 5 (1954), 421-422.
- Paul A. Jorgensen, *Shakespeare's Military World*. In *Shakespeare Quarterly* 8 (1957), 395-396.
- A. J. Arberry, *Salaman and Absal*. In *Modern Language Review* 53 (1958), 142-143.
- A. Nicoll, *The Elizabethans*. In *Modern Language Review* 53 (1958), 622.

Foster, Ruel E.

BOOKS

- (joint author) *Work in Progress*, Philadelphia: J. B. Lippincott, 1948, 147pp.
- (joint author) *William Faulkner: a Critical Appraisal*, 1951, 183pp. University of Oklahoma Press and by Editorial Shapiro, Buenos Aires, Argentina in Spanish translation (Alberto L. Bixio, trans. 1954). Published in an Italian translation by Arnoldo Mondadori Editore, Milan, Italy, 1961.
- (joint author) *Elizabeth Madox Roberts, American Novelist*. Norman: University of Oklahoma Press, 1956, 283pp.

ENCYCLOPEDIA ARTICLES

- "West Virginia." *Catholic Encyclopedia Supplement* 2, Vol. 18, 1958.

ARTICLES

- "Dream as Symbolic Act in Faulkner." *Perspective* 2 (1949), 179-194.
- "Notes on the Continuity of Primitivism." *Eleusis of Chi Omega* 52 (1950), 13-18.

"A Tonal Study: Marvell." *University of Kansas City Review* 22 (1955), 73-78.

"Fabulous Tom Wolfe." *University of Kansas City Review* 23 (1957), 260-264.

"The Conclusion to Faulkner's 'The Bear.'" *Faulkner's Studies* 3 (1954), 4-5.

"Notes on Idealism in the World of Elizabeth Madox Roberts." *Eleusis of Chi Omega* 58 (1956), 258-261.

"Apostle of the Folk Song." *Sign* 36, 2 (1956), 15-18.

"Faulkner in 1960, a Perspective." *West Virginia Wesleyan College Laurel Review* 1 (1960), 17-21.

"The Fugitive-Agrarians, Flight from Mass Culture." *Mississippi Quarterly* (Mississippi State University) 13, 2 (1960), 69-76.

BOOK REVIEWS

- Neene Mills, *Dreams and Scars* (Book Review and Biographical Sketch). In *WVU Alumni Magazine* 17, 2 (1951), 10, 24.
- Earl H. Rovit, *Herald to Chaos, the Novels of Elizabeth Madox Roberts*. In *South Atlantic Quarterly* 60 (1961), 351-352.

Hoke, Margaret Price

ARTICLES

- "School Discipline a la Mode." *West Virginia School Journal* 79, 4 (1950), 13, 33.
- "Pearls into the Trough?" *Clearing House* 25 (1951), 485-487.
- "Letters to My Students." *College Composition & Communication* 8 (1957), 104-105.

Johnston, John H.

ARTICLES

- "A Philosophy of Literature." *Concord* (1949), 26-30.
- "Reply to Yvor Winters." *Renascence* (1950), 117-125.

BOOK REVIEWS

- Arthur Koestler, *Insight and Outlook*. In *Commonweal* 49 (1949), 451-452.
- Robert Frost, *Complete Poems*. In *Commonweal* 50 (1949), 324-325.
- Peter Viereck, *Terror and Decorum, Poems 1910-1948*. In *Commonweal* 50 (1949), 418.

GEOLOGY AND GEOGRAPHY

- Van Van Praag, *Day Without End*. In *Commonweal* 50 (1949), 442.
- Peter Quennell, *John Ruskin: The Portrait of a Prophet*. In *Commonweal* 51 (1949), 134.
- Holbrook Jackson, *Dreamers of Dreams*. In *Commonweal* 51 (1950), 515-516.
- Dietrich von Hildebrand, *Fundamental Moral Attitudes*. In *Commonweal* 51 (1950), 635-636.
- Wallace Fowlie, *Age of Surrealism*. In *Commonweal* 53 (1950), 260.

GEOLOGY AND GEOGRAPHY

Burford, Arthur E.

ARTICLES

- "Structural Geology of the Medano Peak Area, Sangre de Cristo Mountains, Colorado." (Abstract) *Bulletin of the Geological Society of America* 71 (1960), 1837.

Donaldson, Alan C.

CHAPTERS AND SECTIONS

- (joint author) "Lower Paleozoic Carbonate Rocks in Maryland and Pennsylvania - Stonehenge Limestone." *Johns Hopkins University Studies in Geology*, No. 18, *Guidebook* 3, O. Gates, ed. Baltimore: Department of Geology, Johns Hopkins University, 1960, 42-47, 56-57.

ARTICLES

- "Interpretation of Depositional Environments of Lower Ordovician Carbonates in Central Appalachians." *WVAS Proceedings* 32 (1960), 153-161.

Fridley, Harry M.

MONOGRAPHS

- The Geomorphic History of the New-Kanawha River System*. WVGES Report of Investigation 7, 1950, 12pp.

Gillespie, William H.

MONOGRAPHS

- The Edible Wild Plants of West Virginia*. WVU Phi Epsilon Phi, 1951, 60pp.

- (joint author) *We Must Control Oak Wilt Now*. WVU Department of Plant Pathology, 1956, 5pp.

The Edible Wild Plants of West Virginia. New York: Scholar's Library Publishers, 1959, 129pp.

(joint author) *A Guide to the Common Fossil Plants of West Virginia*. WVGES Educational Series, 1960, 60pp.

The Eastern Plant Board—A History. Charleston: WVDA Bulletin, 1961, 57pp.

(joint author) *Oak Wilt and Its Control in West Virginia*. WVAES Circular 112 (1961), 19pp.

ARTICLES

"A Second Record for the Filmy Fern, *Trichomanes boschianum*, in West Virginia." *American Fern Journal* 45 (1955), 118-119.

"West Virginia's Largest Sycamore." *Castanea* 20 (1955), 72-73.

"Edible Wild Plants of West Virginia." *West Virginia Garden News* 20 (1956), 14-15, 30.

(joint author) "Few Fungus Mats Form on Oak Wilt Trees Girdled to the Heartwood in West Virginia." *Plant Disease Reporter* 40 (1956), 245-248.

(joint author) "Progress of Oak Wilt in West Virginia." *Plant Disease Reporter* 39 (1956), 783-784.

"Recent Extensive Mortality of Scarlet Oak in West Virginia." *Plant Disease Reporter* 40 (1956), 1121-1123.

(joint author) "Observations on Scarlet Oak Mortality in Eastern West Virginia. (Abstract) *Phytopathology* 47 (1957), 13.

(joint author) "The Degree of Mat-Production Control Obtained by Girdling Oak Wilt Trees in West Virginia and Some Factors Influencing Mat-Formation in Girdled Trees." *Plant Disease Reporter* 41 (1957), 362-367.

(joint author) "An Attempt to Evaluate the Significance of Dead Oak Trees Found in Oak Wilt Sites in West Virginia." *Plant Disease Reporter* 42 (1958), 268-270.

(joint author) "Three Factors Which Influence the Local Spread of Oak Wilt in Five Northeastern Counties of West Virginia." *Plant Disease Reporter* 43 (1959), 588-593.

COLLEGE OF ARTS AND SCIENCES

(joint author) "Upper Pennsylvanian Pittsburgh Coal Flora, Fairfax Knob, West Virginia-Maryland." (Abstract) *Proceedings of the Ninth International Botanical Congress* 2 (1959), 134.

(joint author) "Limited Saprophytic Survival of the Oak Wilt Fungus. *Ceratocystis fagacearum* (Bretz) Hunt." *Plant Disease Reporter* 44 (1960), 687-689.

Heald, Milton T.

MONOGRAPHS

The Geology of the Lovewell Mountain Quadrangle, New Hampshire. Concord: N. H. Planning and Development Commission, 1950, 29pp.

The Geology of the Gilmanton Quadrangle, N. H., Concord: N. H. Planning and Development Commission. 1955, 31pp.

ARTICLES

"Structure and Petrology of the Lovewell Mtn. Quadrangle, N. H." *Bulletin of the Geological Society of America* 61 (1950), 43-89.

"Thermal Study of Potash-Soda Feldspars." *American Mineralogists* 35 (1950), 77-89.

"Authigenesis in West Virginia Sandstones." *Journal of Geology* 58 (1950), 624-633.

"A Periodic Table for Geologists." *Journal of Geological Education* 2 (1954), 19-23.

"Stylolites in Sandstones." *Journal of Geology* 63 (1955), 101-114.

"Cementation of Simpson and St. Peter Sandstones in Parts of Oklahoma, Arkansas, and Missouri." *Journal of Geology* 64 (1956), 16-30.

"The Importance of Geological Mineralogy." *Journal of Geological Education* 4 (1956), 70-72.

"Cementation of Triassic Arkoses in Connecticut and Massachusetts." *Bulletin of the Geological Society of America* 67 (1956), 1133-1154.

"Significance of Stylolites in Permeable Sandstones." *Journal of Sedimentary Petrology* 29 (1959), 251-253.

(joint author) "Differential Cementation in the Tuscarora Sandstone." *Journal of Sedimentary Petrology* 30 (1960), 568-577.

Ludlum, John C.

MONOGRAPHS

The Geology of Hawks Nest State Park, West Virginia. WVGS State Park Series Bulletin 1, 1951, 25pp.

The Geology of Cacapon State Park, West Virginia. WVGS State Park Series Bulletin 2, 1951, 33pp.

The Geology of Lost River State Park, West Virginia. WVGS State Park Series Bulletin 3, 1952, 33pp.

The Geology of Watoga and Droop Mountain Battlefield State Parks, West Virginia. WVGS State Park Series Bulletin 4, 1954, 40pp.

Resources, Geology and Recreation at Blackwater Falls State Park, West Virginia. WVGS State Park Series Bulletin 6, 1958, 39pp.

(joint author) *Commercial Limestone in West Virginia Accessible to the Lines of the Western Maryland Railway.* Morgantown, 1953, 21pp.

(joint author) *Commercial Limestone Accessible to the Western Maryland Railway.* Baltimore, 1959, 60pp.

MANUALS

Physical Geology Laboratory Manual. WVU Book Store, 1956, 140pp.

(joint author) *Structural Geology Laboratory Manual.* WVU Book Store, 1956, 110pp.

(joint author) *Structural Geology Laboratory Manual (Second Ed.)* WVU Book Store, 1960, 145pp.

ARTICLES

"Sedimentation Features of the Upper Silurian Limestones in West Virginia." *WVAS Proceedings* 22 (1951), 97.

(joint author) "Contributions of the State Geological Survey to Recent Industrial Developments in West Virginia." *WVAS Proceedings* 24 (1952), 123-128.

"Patterns in the Secondary Deposition of Iron Oxide." *WVAS Proceedings* 25 (1953), 57-58.

"A Correction on Sphagnum Bogs." *Castanea* 19 (1954), 78-79.

"The Rocks Tell a Story." *West Virginia Conservation* 19, 10 (1956), 16-19, 32.

"Regional Setting and Mineralogic Features of the Howell Zinc Prospect, Jefferson County, West Virginia." *Economic Geology* 50 (1956), 855-861.

GERMAN

"Philosophical and Geometric Perspectives as Aids in the Teaching of Structural Geology." *Journal of Geologic Education* 4 (1956), 33-36.

"Relation of Surface and Subsurface Structures in West Virginia to Structures of the Valley and Rldge Province." *Bulletin of the Geological Society of America* 69 (1958), 1715-1716.

"Relation of Subsurface Structures in West Virginia to Future Drilling for Natural Gas." *West Virginia Engineer* 20, 7 (1958), 10-13.

"Rock Salt, Rhythmic Bedding, and Salt Crystal Impressions in the Upper Silurian Limestones of West Virginia." *Southeastern Geology* 1 (1959), 21-31.

Wells, Dana

MANUALS

Historical Geology Manual. Department of Geology, WVU., 24pp, 38 pl.

Historical Geology Workbook. WVU Publications Press, 1960, 72pp.

ARTICLES

"Lower Middle Mississippian of Southeastern West Virginia." *Bulletin of the American Association of Petroleum Geologists* 34 (1950), 882-922.

"Proboscidean Teeth from Gravels of the Monongahela River." *WVAS Proceedings* 27 (1955), 68-69.

GERMAN

Lemke, Victor J.

EDITORSHIPS

West Virginia Foreign Language Bulletin 1-7 (1955-1961).

ARTICLES

"English Translations of Some Major Works of Goethe." *WVU Philological Papers* 6 (1949), 69-85.

"A Negative Approach to an Appreciation of Poetry." *Monatshefte* 43 (1951), 325-340.

"The Deification of Gottfried Keller." *Monatshefte* 58 (1956), 119-126.

"My Reply to Reichert's Reactions." *Monatshefte* 58 (1956), 382-384.

BOOK REVIEWS

George W. Radimersky, *German for Beginners*. In *Monatshefte* 45 (1953), 51.

Peter Fabrizius, *Wer zuletzt lacht*. In *Monatshefte* 45 (1953), 51-52.

Hans M. Wolff, *Friedrich Nietzsche. Der Weg zum Nichts*. In *Monatshefte* 49 (1957), 282-283.

Stilwell, Robert

ARTICLES

"Herbert von Hoerner as Poet." *WVU Philological Papers* 10 (1956), 55-61.

"The Narrative Prose of Herbert von Hoerner." *WVU Philological Papers* 11 (1958), 33-41.

HISTORY

Bagby, Wesley M.

ARTICLES

"The 'Smoke Filled Room' and the Nomination of Warren G. Harding." *Mississippi Valley Historical Review* 41 (1955), 657-674.

"Woodrow Wilson, a Third Term, and the Solemn Referendum." *American Historical Review* 60 (1955), 567-575.

"William Gibbs McAdoo and the 1920 Democratic Presidential Nomination." *East Tennessee Historical Society's Publications* 31 (1959), 43-58.

BOOK REVIEWS

John B. Rae and Thomas H. D. Mahoney, *The United States in World History*. In *Freedom and Union* (1955).

Barns, William D.

ARTICLES

"The Influence of the West Virginia Grange upon Public Agricultural Education of College Grade, 1873-1914." *West Virginia History* 9 (1948), 128-157.

"The Influence of the West Virginia Grange upon Public Agricultural Education of Less Than College Grade, 1873-1914." *West Virginia History* 10 (1948), 5-24.

COLLEGE OF ARTS AND SCIENCES

"Pacifists and the Verdict of History." *Friends Intelligencer* 106 (1949), 315-316. (Symposium with Arnold J. Toynbee.)

"Commentary on [J. Clyde Marquis and Orville M. Kile], The Farm Hands of Washington through Thirty Years." *West Virginia History* 14 (1953), 173-174.

"Historical Sketch of the Grange in West Virginia." *The Farmer of West Virginia* 2 (1955), 11, 16, 21.

"The Program of Phi Alpha Theta in West Virginia." *West Virginia History* 18 (1957), 294-296.

"Some Observations on the Teaching of History in a Canadian University." *West Virginia History* 19 (1957), 80-87.

"The Ontario Historical Society." *West Virginia History* 19 (1957), 87-88.

"Annual Report of the President." *West Virginia Historical Society*, October 12, 1957, *West Virginia History* 19 (1958), 144-149.

BOOK REVIEWS

Donald Drew Egbert, *Princeton Portraits*. In *Mississippi Valley Historical Review* 35 (1948), 108-109.

Taylor Hampton, *The Nickel Plate Road, The History of a Great Railroad*. In *Indiana Magazine of History* 45 (1949), 195-196.

Melvin Gingerich, *Service for Peace: A History of Mennonite Civilian Public Service*. In *The Progressive* 14 (1950), 39.

Nicholas B. Wainwright, *A Philadelphia Story: The Philadelphia Contributionship for the Insurance of Houses from Loss by Fire*. In *Pennsylvania History* 19 (1952), 378-379.

Sanford W. Higginbotham, *The Keystone in the Democratic Arch: Pennsylvania Politics, 1800-1816*. In *Pennsylvania History* 20 (1953), 206-207.

Alfred Hassler, *Diary of a Self-Made Convict*. In *The Progressive* 18 (1954), 44.

Gerald Stourzh, *Benjamin Franklin and American Foreign Policy*. In *Pennsylvania History* 22 (1955), 299-301.

Miriam Hussey, *From Merchants to "Colour Men": Five Generations of Samuel Wetherill's White Lead Business*. In *Pennsylvania History* 24 (1957), 256-257.

Constance McL. Green, *Eli Whitney and the Birth of American Technology*. In *Pennsylvania History* 25 (1958), 87-89.

Charles McCool Snyder, *The Jacksonian Heritage: Pennsylvania Politics, 1833-1848*. In *Pennsylvania History* 26 (1959), 279-281.

Caruso, John Anthony

BOOKS

The Liberators of Mexico. New York: Pageant Press, 1954, 342pp.

The Appalachian Frontier. New York: Bobbs-Merrill, 1959, 408pp.

The Great Lakes Frontier. New York: Bobbs-Merrill, 1961, 432pp.

ARTICLES

"The Coal and Coke Railway." *West Virginia History* 11 (1949), 62-69.

"The Pan-American Railway." *Hispanic American Historical Review* 31 (1951), 607-639.

Chitwood, Oliver P.

BOOKS

(joint author) *A Short History of the American People*. New York: D. Van Nostrand, 1945-1948, 2v.

A History of Colonial America. (revised and enlarged ed.) New York: Harper, 1948, 874pp.

(joint author) *The United States: From Colony to World Power*. New York: D. Van Nostrand, 1949, 867pp.

A History of Colonial America. (third ed.) New York: Harper, 1961, 745pp.

BOOK REVIEWS

John C. Miller, *Origins of the American Revolution*. In *West Virginia History* 6 (1945), 402-404.

Ella Lonn, *The Colonial Agents of the Southern Colonies*. In *American Historical Review* 51 (1945), 133-134.

Carl Coke Rister, *Robert E. Lee in Texas*. In *American Historical Review* 52 (1947), 396-397.

Brainerd Dyer, *Zachary Taylor*. In *Annals of the American Academy of Political and Social Science* 25 (1947), 164-165.

Louis B. Wright, *The Atlantic Frontier: Colonial American Civilization*

HISTORY

Eli Whitney
American Tech-
nia History 25

The Jackson-
vania Politics,
vania History

ny

o. New York:
342pp.
er. New York:
8pp.
er. New York:
32pp.

railway." West
(1949), 62-69.
railway." His-
torical Review

History of the
York: D. Van
2v.
America. (re-
1.) New York:

United States:
ld Power. New
id, 1949, 867pp.
America. (third
er, 1961, 745pp.

ws

of the Ameri-
West Virginia
2-404.
l Agents of the
In American
1 (1945), 133-

erl E. Lee in
Historical Re-
397.
ry Taylor. In
rican Academy
ial Science 25

Atlantic Fron-
con Civilization

(1607-1763). In *American Historical Review* 53 (1948), 545-546.

William Dobein James, *A Sketch of the Life of Brig. Gen. Francis Marion and a History of His Brigade*. In *Mississippi Valley Historical Review* 35 (1949), 678-679.

Wesley Frank Craven, *The Southern Colonies in the Seventeenth Century, 1607-1689*. In *American Historical Review* 55 (1950), 374-375.

Wilbur R. Jacobs, *Diplomacy and Indian Gifts: Anglo-French Rivalry Along the Ohio and Northwestern Frontiers, 1748-1763*. In *Annals of the American Academy of Political and Social Science* 273 (1951), 219-220.

John Richard Alden, *General Charles Lee: Traitor or Patriot?* In *Indiana Magazine of History* 47 (1951), 381-383.

They Gave us Freedom: The American Struggle for Life, Liberty and the Pursuit of Happiness . . . 1761-1789. Colonial Williamsburg. In *American Historical Review* 57 (1952), 534.

John Mays, *Edmund Pendleton: A Biography*. In *American Historical Review* 58 (1953), 388-389.

Walter Lord, ed., *The Fremantle Diary, by James Arthur Lyon Fremantle*. In *Annals of the American Academy of Political and Social Science* 295 (1954), 157.

Lawrence Henry Gipson, *The British Isles and the American Colonies: Great Britain and Ireland*. 2d ed. In *Western Pennsylvania Historical Magazine* 42 (1959), 403-404.

Easton, Jason C.

BOOK REVIEWS

Johann Wolfgang von Goethe, *Goethe's Autobiography* (R. O. Moon, tr.). In *Journal of Modern History* 23 (1951), 191-192.

Jacques Bardoux, *Quand Bismarck dominait l'Europe*. In *Journal of Central European Affairs* 14 (1954), 189.

Hans Rall, *Kurbayern in der letzten Epoche der alten Reichsverfassung*. In *Journal of Modern History* 26 (1954), 279-280.

Constantin de Grunwald, *Melternich*. In *Journal of Central European Affairs* 14 (1955), 411.

Ennis, Thomas E.

BOOKS

Eastern Asia. Philadelphia: J. B. Lippincott, 1948, 627pp.

CHAPTERS AND SECTIONS

"Angkor." In *World Book Encyclopedia* 1 (1961), 393-394.

"Cambodia." In *World Book Encyclopedia* 2 (1961), 61-62.

"Laos." In *World Book Encyclopedia* 11 (1961), 71.

"Saigon." In *World Book Encyclopedia* 16 (1961), 22.

ARTICLES

"Indo-China; The Aftermath of Colonialism." *Current History* 23 (1952), 92-98.

"Indo-China at the Crossroads." *Current History* 25 (1953), 301-305.

"Contributions of China to English Civilization." *Eastern World* (London) 8, 12 (1954), 37-40.

"The French Empire I: in Asia." *Current History* 28 (1955), 282-287.

"Contributions of China to French Civilization." *Eastern World* 9, 5 (1955), 35-38.

"The Rise and Fall of France in Indo-China." *Eastern World* 9, 6 (1955), 22, 36-37.

"Japan in the Literature of England." *Eastern World* 9, 12 (1955), 35-36.

"Influence of China and Japan upon German Culture." *Eastern World* 10, 5 (1956), 34-35.

"Vietnam: American Outpost in Asia." *Current History* 31 (1956), 33-38.

"Some Reflections Upon Colonialism with Special Reference to Indo-China." *WVAS Proceedings* 27 (1956), 77-80.

"The Fighting Bishop of Indo-China." *Eastern World* 11, 5 (1957), 25-26.

"Laos: Pawn in Power Politics." *Current History* 39 (1960), 70-74.

"The Story of Lafcadio Hearn." *Eastern World* 14, 3 (1960), 21-23.

"Operation Survival in Laos." *Current History* 40 (1961), 153-159.

BOOK REVIEWS

Jacques Stern, *Les Colonies Françaises*. In *American Historical Review* 49 (1944), 724-726.

Thomas F. Power, *Jules Ferry and the Renaissance of French Imperialism*. In *American Historical Review* 50 (1945), 326-327.

COLLEGE OF ARTS AND SCIENCES

- Charles Robequain, *The Economic Development of French Indo-China*. In *American Historical Review* 50 (1945), 805-806.
- Mark Gayn, *American Agent*. In *Journal of Modern History* 20 (1948), 188.
- Edmond Taylor, *Richer by Asia*. In *Journal of Modern History* 20 (1948), 187.
- Auguste Pavie, *A La Conquete Des Coeurs*. In *Journal of Modern History* 20 (1948), 179-180.
- John K. Fairbank, *The United States and China*. In *Mississippi Valley Historical Review* 35 (1948), 529-530.
- Victor Purcell, *The Chinese in Malaya*. In *Far Eastern Quarterly* 8 (1949), 371-373.
- Bruno, Lasker, *Human Bondage in Southeast Asia*. In *Far Eastern Quarterly* 10 (1950), 339-340.
- Edwin O. Reischauer, *The United States and Japan*. In *Annals of the American Academy of Political and Social Science* 271 (1950), 191.
- T. E. Smith, *Population Growth in Malaya*. In *Pacific Historical Review* 22 (1952), 78-79.
- Max Weber, *The Religion of China*. In *Annals of the American Academy of Political and Social Science* 279 (1952), 247-248.
- International Bank for Reconstruction and Development, *The Economic Development of Ceylon*. In *Annals of the American Academy of Political and Social Science* 289 (1953), 217-218.
- W. D. Reeves, *Public Administration in Siam and Sir Charles Collins, Public Administration in Ceylon*. In *Political Science Quarterly* 68 (1953), 292-293.
- F.S.V. Donnison, *Public Administration in Burma: A Study of Development during the British Connerion and S. W. Jones, Public Administration in Malaya*. In *Political Science Quarterly* 68 (1953), 622-624.
- Robert T. Oliver, *Verdict in Korea*. In *Annals of the American Academy of Political and Social Science* 287 (1953), 183-184.
- S. B. Thomas, *Government and Administration in Communist China*. In *Annals of the American Academy of Political and Social Science* 294 (1954), 162.
- Pierre Fistie, *Singapour et La Malaisie*. In *Journal of Modern History* 33 (1960), 389-390.
- Hu, Chang-Tu, *China*. In *Annals of the American Academy of Political and Social Science* 332 (1960), 199-200.
- H. J. Benda, *The Communist Uprisings of 1926-27 in Indonesia: Key Documents*. In *Journal of Modern History* 33 (1961), 92-93.
- C. Northcote Parkinson, *British Intervention in Malaya 1867-1877*. In *Journal of Modern History* 33 (1961), 271-272.
- Golay, John F.**
- BOOKS**
- The Founding of the Federal Republic of Germany*. Chicago: University of Chicago Press, 1958, 300pp.
- ARTICLES**
- "German Rearmament and Defense of Europe." *New Republic* 130 (1954), 9-11.
- "The Future of Germany." *New Republic* 133 (1955), 22-23.
- "Books that Johnny Can't Read." *New Republic* 135 (1956), 15-17.
- "The Meaning of Moving Forward—Higher Education." *New Republic* 144 (1961), 9-10.
- BOOK REVIEWS**
- William Henry Beveridge, *Power and Influence*. In *New Republic* 132 (1955), 18-20.
- Alistair Horne, *Return to Power*. In *New Republic* 134 (1956), 16-18.
- C. N. Parkinson, *The Evolution of Political Thought*. In *New Republic* 139 (1958), 24-25.
- William L. Shirer, *The Rise and Fall of the Third Reich*. In *New Republic* 143 (1960), 15-18.
- Krauskopf, Frances**
- MONOGRAPHS**
- (Translator and Editor) *Ouiatanon Documents*. Indiana Historical Society Publications 18, No. 2, 1955, 103pp.
- ARTICLES**
- "The Documentary Basis for La Salle's Supposed Discovery of the Ohio River." *Indiana Magazine of History* 47 (1951), 143-153.

MATHEMATICS

BOOK REVIEWS

Henry Putney Beers, *The French in North America*. In *Indiana Magazine of History*, 54 (1958), 395.

Levine, Mortimer

ARTICLES

"A 'Letter' on the Elizabethan Succession Question, 1566." *Huntington Library Quarterly* 19 (1955), 13-18.
 "Richard III—Usurper or Lawful King." *Speculum* 34 (1959), 391-401.

BOOK REVIEWS

Joel Hurstfield, *The Queen's Wards: Wardship and Marriage Under Elizabeth I*. In *American Historical Review* 64 (1959), 988-989.

Smith, Sara R.

BOOKS

The Manchurian Crisis, 1931-1932: A Tragedy in International Relations. New York: Columbia University Press, 1948, 281pp.

Steel, Edward M.

ARTICLES

"A Pioneer Farmer in the Choctaw Purchase." *Journal of Mississippi History* 16 (1954), 229-241.
 "Flush Times in Brunswick, Georgia, in the 1830's." *Georgia Historical Quarterly* 39 (1955), 221-239.

Summers, Festus P.

BOOKS

William L. Wilson and *Tariff Reform*. New Brunswick, N. J.: Rutgers University Press, 1953, 288pp.
The Cabinet Diary of William L. Wilson, 1896-1897. Chapel Hill, N. C.: University of North Carolina Press, 1957, 276pp.
 (joint author) *West Virginia: The Mountain State*. (Second Ed.) Englewood Cliffs, N. J.: Prentice-Hall, 1958, 584pp.

CHAPTERS AND SECTIONS

"Rockefeller and Rebates." In Thomas G. Manning, David M. Potter and Wallace E. Davies, Eds. *The American Economy 1877 — Present:*

Select Problems in Historical Interpretation. New York: Holt, 1950, 86-88; Also in Thomas G. Manning, David Cronon and Howard R. Lamar, Eds., *The Standard Oil Company: The Rise of a National Monopoly*. New York: Holt, 1960, 11-15. (joint author) "West Virginia." In *Encyclopedia Americana* 29 (1960), 207-217.

"West Virginia." In *World Book Encyclopedia* 19 (1961), 168-183.

BOOK REVIEWS

Earl Chapin May, *Principio to Wheeling, 1715-1745: A Pageant of Iron and Steel*. In *Journal of Southern History* 11 (1945), 567-568.
 Walter S. Sanderlin, *The Great National Project: A History of the Chesapeake and Ohio Canal*. In *Mississippi Valley Historical Review* 34 (1947), 303-304.
 Charles H. Ambler, *A History of Education in West Virginia*. In *West Virginia History* 13 (1951), 56-58.
 Harry H. Pierce, *The Railroads of New York*. In *Mississippi Valley Historical Review* 41 (1954), 140-141.
 John L. Lambert, Jr., *Arthur Pue Gorman*. In *Journal of Southern History* 20 (1954), 286-287.
 Joseph T. Lambie, *From Mine to Market: The History of Coal Transportation on the Norfolk and Western Railway*. In *Mississippi Valley Historical Review* 42 (1955), 341-342.

MATHEMATICS

Easton, Joy B.

ARTICLES

"Some Notes on the Petersburg Problem and Moral Expectation." *WVAS Proceedings* 26 (1954), 45-49.
 "The Whetstone of Witte." *WVAS Proceedings* 29 (1957), 65-72.

Gould, Henry W.

ARTICLES

"A Note on a Paper of Grosswald." *American Mathematical Monthly* 61 (1954), 251-253.
 "Some Generalizations of Vandermonde's Convolution." *American Mathematical Monthly* 63 (1956), 84-91.

COLLEGE OF ARTS AND SCIENCES

- "Final Analysis of Vandermonde's Convolution." *American Mathematical Monthly* 64 (1957), 409-415.
- "Note on a Paper of Sparre Andersen." *Mathematica Scandinavica* 6 (1958), 226-230.
- "A Theorem Concerning the Bernstein Polynomials." *Mathematics Magazine* 31 (1958), 259-264.
- "Dixon's Series Expressed as a Convolution." *Nordisk Matematisk Tidsskrift* 7 (1959), 73-76.
- "Note on a Paper of Steinberg." *Mathematics Magazine* 33 (1959), 46-48.
- "Fjeldstad's Series and the q-analog of a Series of Dougall." *Mathematica Scandinavica* 3 (1960), 198-200.
- "Generalization of a Theorem of Jensen Concerning Convolutions." *Duke Mathematical Journal* 27 (1960), 71-76.
- "The Lagrange Interpolation Formula and Stirling Numbers." *Proceedings of the American Mathematical Society* 11 (1960), 421-425.
- "A q-binomial Coefficient Series Transform." *Bulletin of the American Mathematical Society* 66 (1960), 383-387.
- "Stirling Number Representation Problems." *Proceedings of the American Mathematical Society* 11 (1960), 447-451.
- "Note on a Paper of Klamkin Concerning Stirling Numbers." *American Mathematical Monthly* 68 (1961), 477-479.
- "The q-series Generalization of a Formula of Sparre Andersen." *Mathematica Scandinavica* 9 (1961), 90-94.
- "The q-Stirling Numbers of First and Second Kinds." *Duke Mathematical Journal* 28 (1961), 281-289.
- "A Series Transformation for Finding Convolution Identities." *Duke Mathematical Journal* 28 (1961), 193-202.
- ence." *Duke Mathematical Journal* 12 (1945), 621-628.
- "An Involution Space Transformation Associated with a Q_n Congruence." *Duke Mathematical Journal* 13 (1946), 401-409.
- (joint author) "A T_3 Associated with the Chords of a Twisted Cubic." *WVAS Proceedings* 22 (1950), 84-88.
- "An Involution Cremona Transformation Associated with the Chords of a Twisted Cubic." *WVAS Proceedings* 23 (1951), 87-90.
- "A Note on the Sum of Squares." (Abstract) *WVAS Proceedings* 24 (1952), 105.
- "Cremona Transformations Associated with the Chords of a Twisted Cubic." *Duke Mathematical Journal* 19, (1952), 397-408.

PHILOSOPHY AND PSYCHOLOGY

Cresswell, J. R.

ARTICLES

- "Duns Scotus on the Will." *Franciscan Studies* 13 (1953), 147-158.

BOOK REVIEWS

- A. C. Pegis (ed), *Essays in Modern Scholasticism*. In *Philosophical Review* 54 (1945), 426-428.
- Philotheus Boehner (ed), *The "Tractatus de Successivis" Attributed to William of Ockham*. In *Franciscan Studies* 5 (1945), 336-338.
- A. C. Pegis (ed), *Basic Writings of St. Thomas Aquinas*. In *Philosophical Review* 55 (1946), 103-104.
- Vernon J. Burke, *Thomistic Bibliography*. In *Philosophical Review* 55 (1946), 310.
- Charles K. McKeon, *A Study of the "Summa Philosophiae" of the Pseudo-Grossteste*. In *Journal of Philosophy* 46 (1949), 651-652.
- Pearl Kibre, *The Nations in Medieval Universities*. In *Franciscan Studies* 9 (1948), 176-177.
- Evans Roche (ed), *The "De Primo Principio" of Duns Scotus*. In *Review of Religion* 15 (1951), 212.

REPORTS

Combinatorial Identities, a Standardized Set of Tables Listing 500 Binomial Coefficient Summations, National Security Agency, Ft. George G. Meade, Maryland, 1960, 100pp.

Vest, Marvin L.

ARTICLES

- "Involution Space Transformations Associated with a Linear Congru-

PHILOSOPHY AND PSYCHOLOGY

Curtis, Quin F.

ARTICLES

- "Factors Associated with Success of Mechanized Coal Mine Workers." *American Psychologist* 1 (1946), 284-285.
- "Effects of a Course in Social Psychology on Social Adjustment, Social Preference and Social Studies Achievement Scores." *WVAS Proceedings* 22 (1950), 168-172.
- (joint author) "An Evaluation of Book Retinoscopy as an Indicator of Reading Comprehension." *WVAS Proceedings* 24 (1952), 154-157.
- (joint author) "An Experimental Attempt to Produce Videogenic Seizures in Rats." *WVAS Proceedings* 24 (1952), 147-151.
- (joint author) "Determination of Preference Indices for Self-Descriptive Terms." *WVAS Proceedings* 26 (1954), 71-73.
- (joint author) "Testing to Select Better Personnel for Coal-Mining Today." *Coal Age* 62 (1957), 70-72.
- (joint author) "Recent Developments in Personnel Testing in the West Virginia Mining Industry." *Proceedings of the West Virginia Coal Mining Institute* (1958), 56-63.
- "Some Problems in the Prediction of Supervisory Success." *WVAS Proceedings* 30 (1958), 186-188.

REPORTS

- (joint author) *The Acquiring of Membership in Established Groups. Final Technical Report to the Office of Naval Research.* NONR-1365 (01), August 1955.

Dana, Richard H.

ARTICLES

- "The Effects of Attitudes Toward Authority on Psychotherapy." *Journal of Clinical Psychology* 10 (1954), 350-353.
- "Personality Orientation: an Organizational Focus for Current Research." *Journal of Psychology* 37 (1954), 139-150.
- "Clinical Diagnosis and Objective TAT Scoring." *Journal of Abnormal and Social Psychology* 50 (1955), 19-25.

- "Rorschach Scorer Reliability." *Journal of Clinical Psychology* 11 (1955), 401-403.
- "The Objectification of Projective Techniques: Rationale." *Psychological Reports* 1 (1955), 93-102.
- "Selection of Abbreviated TAT Sets." *Journal of Clinical Psychology* 12 (1956), 36-40.
- "Cross Validation of Objective TAT Scoring." *Journal of Consulting Psychology* 20 (1956), 33-37.
- "An Application of Objective TAT Scoring." *Journal of Projective Techniques* 20 (1956), 159-163.
- "Norms for Three Aspects of TAT Behavior." *Journal of General Psychology* 57 (1957), 83-89.
- "Manifest Anxiety, Intelligence, and Psychopathology." *Journal of Consulting Psychology* 21, (1957), 38-40.
- "A Comparison of Four Verbal Subtests on the Wechsler - Bellevue, Form 1, and the WAIS." *Journal of Clinical Psychology* 13 (1957), 70-71.
- "MMPI Performance and Electroshock Treatment." *Journal of Clinical Psychology* 13 (1957), 350-355.
- "American Culture and Chinese Personality." *Journal of Psychological Studies* 10 (1959), 350-355.
- "Proposal for Objectives Scoring of the TAT." *Perceptual and Motor Skills* 9 (1959), 27-43.
- "The Perceptual Organization TAT Score: Number, Order, and Frequency." *Journal of Projective Techniques* 23 (1959), 307-310.
- (joint author) "Embedded Figures and Personality." *Perceptual and Motor Skills* 9 (1959), 99-102.
- (joint author) "Repression and Psychopathology." *Journal of Projective Techniques* 23 (1959), 412-416.
- "Objective TAT Scores and Personality Characteristics: Perceptual Organization." *Perceptual and Motor Skills* 10 (1960), 154.
- (joint author) "Pessimism Reaffirmed: a Reply." *Perceptual and Motor Skills* 11 (1960), 243-244.
- (joint author) "High School Achievement and the Bell Adjustment Inventory." *Psychological Reports* 8 (1961), 313-356.

BOOK REVIEWS

- R. Schafer, *Psychoanalytic Interpretation in Rorschach Testing.* In *Journal of General Psychology* 54 (1956), 157-162.

COLLEGE OF ARTS AND SCIENCES

Decker, Robert L.

MONOGRAPHS

A Study of Three Specific Problems in the Measurement and Interpretation of Employee Attitudes. Psychological Monographs 69, No. 16, 1955, 11pp.

MANUALS

(joint author) *Student's Workbook for Psychology and Human Performance*. New York: Henry Holt, 1959, 96pp.

ARTICLES

- "A Comparison of Perceptual Span Training and Reading Practice as Methods of Improving Reading Ability." *WVAS Proceedings* 22 (1950), 186-192.
- "An Item Analysis of How Supervise? Using Both Internal and External Criteria." *Journal of Applied Psychology* 40 (1956), 406-411.
- "A Cross-Validation Study of a Test of Supervisory Knowledge." *WVAS Proceedings* 29 (1957), 105-109.
- "A Study of the Value of the Owens-Bennett Mechanical Comprehension Test (Form CC) as a Measure of the Qualities Contributing to Successful Performance as a Supervisor of Technical Operations in an Industrial Organization." *Journal of Applied Psychology* 42 (1958), 50-53.

Ferguson, Donald C.

ARTICLES

- "Operant Conditioning of Hostile Verbs in Relation to Experimenter and Subject Characteristics." *Journal of Consulting Psychology* 24 (1960), 324-327.

Rankin, Robert E.

CHAPTERS AND SECTIONS

- "The Acquiring of Membership in Established Groups." In *Final Technical Report to the Office of Naval Research*, 1955.
- "Task-congeniality and Assimilation." In *Final Technical Report to the Office of Naval Research*, 1955. Chapter 3.

ARTICLES

- "Effect of Incentives Upon Reaction to Peripheral Stimuli." *Journal of*

Experimental Psychology 44 (1952), 400-406.

- "Galvanic Skin Response to Negro and White Experimenters." *Journal of Abnormal and Social Psychology* 51 (1955), 30-33.
- "Some Psychological Characteristics of Social Mobility." *WVAS Proceedings* 29 (1957), 83-86.

Shafer, James N.

ARTICLES

- (joint author) "Effects of Intense Light Stimulation on Sound-Induced Seizures in Rats." *Journal of Comparative and Physiological Psychology* 46 (1953), 305-306.
- "An Analysis of the Stimulus Trace and Secondary Reinforcement in Discrimination Learning in the Albino Rat." *WVAS Proceedings* 26 (1954), 81-84.
- "An Investigation of Latent Learning." *WVAS Proceedings* 27 (1955), 104-107.
- (joint author) "Object Quality Discrimination in the Raccoon." *WVAS Proceedings* 27 (1955), 99-103.
- (joint author) "Effect of Response-Controlled Conditions of Light and Darkness Upon Response Rate." *WVAS Proceedings* 28 (1956), 53-56.
- (joint author) "Some Factors Related to Audiogenic Seizures in Rats." *WVAS Proceedings* 29 (1957), 95-97.

Thomas, Arthur R.

ARTICLES

- "Some Variables Affecting Latent Extinction." *Journal of Experimental Psychology* 56 (1958), 203-212.

PHYSICS

Jefimenko, Oleg

ARTICLES

- (joint author) "Absorption Bands of Rubidium in the Presence of Foreign Gases." *Physics Review* 98 (1955), 281.
- (joint author) "Absorption Bands of Rubidium Due to the Presence of Foreign Gases." *Journal of the Op-*

tical Soci
182-186.
(joint autho
Rb Due to
Gases." *Am*
24 (1956),
(joint autho
Spectra of
atomic Int
nal of Phy
(joint autho
Rubidium
carbons." *J*
ics 26 (19
(joint autho
Cs Absor
Interatom
of Chemic
(joint autho
Rb Emis
Atomic I
Chemical
"Effect of A
Spectra o
letin of t
ciety, Ser.
(joint autho
of Rubidi
meric Hy
Chemical
"On the Pos
Damping
Naturwiss
"Effect of t
on the Mo
lite." *Am*
27 (1959)
"Broadening
Strongly
tion) *Sc*
(1949), 9
"Lecture D
fication b
nal of Ph

Pavlovic,

(joint aut
Low-Tem
Quartz." *J*
25 (1954)
(joint auth
Ferroelect
view 93
(joint auth
& Twinna
Vanadium
American
(1959), 9

PHYSICS

Psychology 44 (1952).

Response to Negro and
Others." *Journal of
Social Psychology* 51

ul Characteristics
" WVAS Proceed-
3-86.

LES

Effects of Intense
on Sound-Induced
*Journal of Com-
municological Psychol-*
-306.

Stimulus Trace
Reinforcement in
Learning in the
AS Proceedings 26

Latent Learning."
s 27 (1955), 104-

Subject Quality Dis-
Raccoon." WVAS
1955), 99-103.

Effect of Response-
ions of Light and
Response Rate."
s 28 (1956), 53-56.
Factors Related
Seizures in Rats."
s 29 (1957), 95-97.

R.

LES

Detecting Latent Ex-
of Experimental
1958), 203-212.

ICS

LES

Absorption Bands of
Presence of Foreign
Review 93 (1955),

Absorption Bands of
the Presence of
Journal of the Op-

tical Society of America 46 (1956),
182-186.

(joint author) "Absorption Bands of
Rb Due to the Presence of Foreign
Gases." *American Journal of Physics*
24 (1956), 300.

(joint author) "Modification of Atomic
Spectra of Cs and Rb Due to Inter-
atomic Interactions." *American Jour-
nal of Physics* 24 (1956), 469.

(joint author) "Absorption Bands of
Rubidium in the Presence of Hydro-
carbons." *Journal of Chemical Phys-
ics* 26 (1957), 256.

(joint author) "Modifications of the
Cs Absorption Spectrum Due to
Interatomic Interactions." *Journal
of Chemical Physics* 26 (1957), 913.

(joint author) "Modifications of the
Rb Emission Spectrum Due to
Atomic Interactions." *Journal of
Chemical Physics* 27 (1957), 953.

"Effect of Atomic Interactions on the
Spectra of Gaseous Mixtures." *Bul-
letin of the American Physical Soci-
ety, Ser. II* 3 (1958), 29.

(joint author) "Absorption Spectrum
of Rubidium in the Presence of Iso-
meric Hydrocarbons." *Journal of
Chemical Physics* 30 (1959), 112.

"On the Possibility of Electromagnetic
Damping of the Moon's Motion." *Naturwissenschaften* 45 (1958), 556.

"Effect of the Earth's Magnetic Field
on the Motion of an Artificial Satel-
lite." *American Journal of Physics*
27 (1959), 344.

"Broadening of Spectral Lines in
Strongly Ionized Plasma." (Transla-
tion) *Soviet Physics JETP* 36
(1949), 941.

"Lecture Demonstrations on Electri-
fication by Contact." *American Jour-
nal of Physics* 27 (1959), 604.

Pavlovic, Arthur S.

ARTICLES

(joint author) "Re-examination of
Low-Temperature Properties of
Quartz." *Journal of Applied Physics*
25 (1954), 1344-1345.

(joint author) "Phase Transitions in
Ferroelectric KNbO₃." *Physical Re-
view* 93 (1954), 672-673.

(joint author) "The Flow, Fracture
& Twinning of Commercially Pure
Vanadium." *Transactions of the
American Society for Metals* 52
(1959), 948-970.

Rexroad, Harvey Nixon

CHAPTERS AND SECTIONS

(joint author) Electron Paramagnetic
Resonance Studies of Cytochrome
and Hemoglobin. (Irradiated and
Unirradiated) In *Free Radicals in
Biological Systems*, M. S. Blois, et al.
(Eds.) New York: Academic Press,
1961, 263-277.

ARTICLES

"Friction and Leakage Effects in the
Rüchardt Vibrating Ball Method of
Measuring cp/cv." WVAS Proceed-
ings 24 (1952), 119-122.

(joint author) "Microwave Spectrum
and Molecular Structure of (CH₃)₂
SiF₂." *Journal of Chemical Physics*
22 (1954), 1942.

(joint author) "Microwave Spectrum
and Molecular Structure of (CH₃)₂
SiBr." *Journal of Chemical Physics*
24 (1956), 487.

(joint author) "Microwave Spectrum
and Molecular Structure of (CH₃)₂
SiH." *Journal of Chemical Physics*
24 (1956), 625.

(joint author) "Electron Spin Reso-
nance in X-Irradiated Hormones and
Vitamins." *Bulletin of the American
Physical Society* 1, Ser. 2 (1956),
200.

(joint author) "Electron Spin Reso-
nance of Radicals Produced by Ultra-
violet Irradiation." *Bulletin of the
American Physical Society* 2, Ser. 2
(1957), 227.

(joint author) "Effects of Absorbed
Gases on Free Radical Resonance
in Solids." *Bulletin of the American
Physical Society* 3, Ser. 2 (1958),
179.

(joint author) "Electron Spin Reso-
nance Studies of Radiation Damage
to Certain Lipids, Hormones and
Vitamins." *Proceedings of the Na-
tional Academy of Science* 45
(1959), 256-269.

(joint author) "Electron Spin Reso-
nance Studies of Irradiated Teflon:
Effects of Various Gases." *Journal
of Chemical Physics* 30 (1959), 399-
403.

(joint author) "Coupled Pendulums
Freely Oscillating." (Abstract)
WVAS Proceedings 31 (1959), 63.

(joint author) "Electron Spin Reso-
nance of an Irradiated Single Crys-
tal of Succinic Acid and of Poly-

COLLEGE OF ARTS AND SCIENCES

crystalline Succinamide." *WVAS Proceedings* 32 (1960), 185-189.

(joint author) "Design of a Free Radical Microwave Spectrometer; Calculation of the Microwave Spectrum of C N." (Abstract) *WVAS Proceedings* 32 (1960), 189.

(joint author) "Electron Spin Resonance of Some Gamma Irradiated Metal Organic Compounds." *WVAS Proceedings* 32 (1960), 190-192.

(joint author) "Measurement of the Free Radical Pollution of the Air." *WVAS Proceedings* 32 (1960), 192.

(joint author) "Electron Spin Resonance of H Atoms Produced by Gamma-Irradiation of Substances at 4.2° K." *Bulletin of the American Physical Society* 6, Ser. 2 (1961), 257.

Thomas, Charles D.

MONOGRAPHS

West Virginia. Department of Civil Defense. *State of West Virginia Civil Defense Plan*. Annex 6, 1950, 4pp.

ARTICLES

"Geiger-counter Dead Time." *WVAS Proceedings* 19 (1947), 87-89.

"Pulse Shape of Self Quenching Counters." (Abstract) *Physical Review* 73 (1948), 1227.

"Counter Pulse Shape." *Review of Scientific Instruments* 20 (1949), 147-149.

"Alpha Particle Characteristics of n-p Junction Type Germanium." *WVAS Proceedings* 26 (1954), 41.

"Relation of Radon to Non-active Air Contamination." *Nature* 175 (1955), 732.

Wilson, Roderick W.

ARTICLES

"A Method of Finding the Refractive Index of a Liquid." *WVAS Proceedings* 27 (1955), 118-119.

"Development of a Method for Continuous Determination of the Earth's Electric Field." *WVAS Proceedings* 28 (1956), 63-65.

(joint author) "The Gamma-Ray Spectrum of Cobalt-60." (Abstract) *WVAS Proceedings* 29 (1957), 73.

POLITICAL SCIENCE

Frasure, Carl M.

MONOGRAPHS

(joint author) *Final Report of the State Tax Study Commission*. Charleston, West Virginia: 1960. 108pp. (Two preliminary reports, 1959 and 1960.)

CHAPTERS AND SECTIONS

"Interstate Cooperation." In *Report of Fourth Annual Apprenticeship Conference*. Department of Labor, New York, 1948.

"West Virginia, 1955." In *Colliers Encyclopedia*, 1956.

"West Virginia, 1956." In *Colliers Encyclopedia*, 1957.

"West Virginia, 1957." In *Colliers Encyclopedia*, 1958.

"West Virginia, 1958." In *Colliers Encyclopedia*, 1959.

"West Virginia, 1959." In *Colliers Encyclopedia*, 1960.

"West Virginia, 1960." In *Colliers Encyclopedia*, 1961.

ARTICLES

"State-Local Relations." *Minnesota Municipalities* 30 (1945), 461-466.

"The Marshall Plan." *Eleusis of Chi Omega* 50, 2 (1948), 247-251.

"Civil Government and Nuclear Warfare." *State Government News* (Chicago) 3 (1960), 1.

"Civil Government and Nuclear Warfare." *West Virginia Municipality* 13, 3 (1960), 3, 13.

"Civil Government and Nuclear Warfare." *West Virginia School Journal* 89, 2 (1960), 34, 62-63.

Gilkey, Royal C.

ARTICLES

"Mr. Justice Frankfurter's Interpretation of the Constitutional Rights of Labor in a Statutory Context with Special Attention to Picketing and Associated Union Activity." (Part 1) *University of Kansas City Law Review* 18 (1950), 1-33.

"Mr. Justice Frankfurter's Interpretation of the Constitutional Rights of Labor in a Statutory Context with Special Attention to Picketing and Associated Union Activity." (Part 2) *University of Kansas City Law Review* 18 (1950), 133-168.

POLITICAL SCIENCE

SCIENCE

HS

Report of the
y Commission.
Virginia: 1960.
inary reports.

SECTIONS

on." In Report
Apprenticeship
ment of Labor.

" In Colliers

" In Colliers

" In Colliers

" In Colliers

" In Colliers

" In Colliers

s." Minnesota-
945), 461-466.

Eleusis of Chi
247-251.

d Nuclear War-
ment News (Chi-

d Nuclear War-
ia Municipality

d Nuclear War-
School Journal
63.

S
ter's Interpreta-
tional Rights of
ry Context with
o Picketing and
tivity." (Part 1)
s City Law Re-
3.

ter's Interpreta-
tional Rights of
ry Context with
o Picketing and
tivity." (Part 2)
s City Law Re-
168.

"Justice Frankfurter and Labor's Con-
stitutional Rights." *Labor Law Jour-
nal* 1 (1950), 955-960.

"Mr. Justice Frankfurter and Freedom
of Religion in Terms of Separation
of Church and State, as Reflected
in Fifteen Years of Supreme Court
Opinions, 1939-1953." *University of
Kansas City Law Review* 27 (1958),
3-58.

BOOK REVIEWS

Alexander Meiklejohn, *Free Speech
and Its Relation to Self-Government*.
In *University of Kansas City Law
Review* 17 (1949), 163-169.

Hayhurst, Donald E.

MONOGRAPHS

(joint author) *Financing Unemploy-
ment Benefits in West Virginia: A
Long-Range Study of Unemployment
Benefit Financing and Fund Sol-
vency*. WVU Bureau for Government
Research Publication 24, 1958, 59pp.

*Protection of Consumers in West Vir-
ginia*. WVU Bureau for Government
Research Publication 26, 1959, 43pp.

ARTICLES

"Change and Its Problems—A Review."
West Virginia Municipality 10, 2
(1957), 8, 15.

"Methods of Financing Unemployment
Compensation Benefits: Analysis of
the Roles of Governments." *West
Virginia Department of Employment
Security. Proceedings of the Insti-
tute on Problems in Employment
Security* (1958).

Stewart, Irvin

BOOKS

*Organizing Scientific Research for
War*. Boston: Little, Brown, 1948.
358pp.

MONOGRAPHS

West Virginia University 1946-1958.
WVU Bulletin Ser. 58, No. 12-2, 1958,
46pp.

REPORTS

*Report of the Committee on Publica-
tion of Scientific Information*. Irvin
Stewart, Chairman, in *Science, the
Endless Frontier*, by Vannevar Bush,
U. S. Government Printing Office,
1945, Reprinted 1960, 192pp.

*Telecommunications: A Program for
Progress*. A Report by the Presi-
dent's Communications Policy
Board, Irvin Stewart, Chairman.
Washington: U. S. Government
Printing Office, 1951, 238pp.

ARTICLES

"The Work of Our Hands and Hearts."
(Presidential Address) *Proceedings
of the American Association of
Land-Grant Colleges and State Uni-
versities* (1956), 20-26.

"West Virginia University and Medi-
cal Education in West Virginia."
West Virginia Medical Journal 44
(1948), 177-185.

"Student Government as a University
President Sees It." *Association of
American Colleges Bulletin* 36
(1950), 90-97.

"Remarks at the Inaugural Luncheon."
(For President Laurence H. Snyder)
*University of Hawaii Occasional
Paper* 67 (1959), 39-43.

Sturm, Albert Lee

CHAPTERS AND SECTIONS

"Emergencies and the Presidency." In
The Presidency in Transition, ed.
Robert S. Rankin. Gainesville, Fla.:
The Journal of Politics, University
of Florida, 1949, pp. 121-144. Re-
printed from the *Journal of Politics*,
Vol. II, No. 1 (February, 1949),
entire issue.

"Civil Functions of the Corps of En-
gineers: Relation to Military Mis-
sion." Prepared for the Task Force
on Water Resources and Power,
Commission on Organization of the
Executive Branch of the Govern-
ment [second Hoover Commission].
Task Force Report, Vol. III, pp.
1473-1579. Washington: Government
Printing Office, 1955.

MONOGRAPHS

*The Need for Constitutional Revision
in West Virginia*. WVU Bureau for
Government Research, Publication
1, 1950, 69pp.

*State Administrative Organization in
West Virginia*. WVU Bureau for Gov-
ernment Research, Publication 7,
1952, 148pp.

*Methods of State Constitutional Re-
form*. Michigan Governmental
Studies, No. 28, Bureau of Govern-

COLLEGE OF ARTS AND SCIENCES

ment, Institute of Public Administration, University of Michigan, Ann Arbor: University of Michigan Press, 1954, 175pp.

(co-director) *Bibliography on Public Administration in Turkey, 1928-1957*, Selective and Annotated. Ankara, Turkey: Institute of Administrative Sciences, Faculty of Political Sciences, University of Ankara, 1959, 224pp. Published in English and in Turkish.

Major Constitutional Issues in West Virginia. WVU Bureau for Government Research, Publication 31, 1961, 154pp.

(joint author) *The Constitution and the Executive*. A monograph prepared for the delegates to the Michigan Constitutional Convention of 1961-1962. Lansing: Governor's Constitutional Convention Preparatory Commission, 1961.

Selected Bibliography on State Constitutional Revision. Prepared for the delegates to the Michigan Constitutional Convention of 1961-1962. Ann Arbor: Institute of Public Administration, University of Michigan, 1961, 11pp.

Williams, John R.

BOOKS

The Conservative Party of Canada. Durham, North Carolina: Duke University Press, 1956, 242pp.

ARTICLES

"The Selection of Arthur Meighen as Conservative Party Leader in 1941." *Canadian Journal of Economics and Political Science* 17 (1951), 234-237.

"Representation in the House of Commons of the Twenty-first Parliament: Party and Province." *Canadian Journal of Economics and Political Science* 18 (1952), 77-87.

"The British General Election of 1951: Candidates and Parties." *Parliamentary Affairs* 5 (1952), 480-494.

"Aspects of the American Presidential Election of 1960." *Australian Quarterly* 33 (1961), 25-36.

BOOK REVIEWS

Sydney D. Bailey (Ed.), *The Future of the House of Lords*. In *American Political Science Review* 48 (1954), 1180-1181.

Clement R. Attlee, *As It Happened*. In *Journal of Politics* 17 (1955), 313-315.

Richard W. Leopold, *Elihu Root and the Conservative Tradition*. In *Journal of Politics* 17 (1955), 300-302.

Oscar Jaszi and John D. Lewis, *Against the Tyrant: The Tradition and Theory of Tyrannicide*. In *Journal of Politics* 20 (1958), 721-723.

ROMANCE LANGUAGES

Herrera y Sanchez, Francisco

BOOKS

(joint author) *Selected Spanish Short Stories*. New York: Thomas Y. Crowell 1957, 378pp.

ARTICLES

"Characteristics and Elements of Cante Flamenco." *WVU Philological Papers* (1948), 100-107.

"La Verda So'pechosa." *Hispania* 33 (1950), 311-312.

"The Dances and Coplas of Cantos Flamencos." *WVU Philological Papers* 8 (1951), 83-101.

"Cante jondo: The Soul of Andalusia." *Hispania* 36 (1953), 88-90.

"Sources and Characteristics of Flamenco Music." *WVU Philological Papers* 9 (1953), 1-10.

"Gitanismos y andalucismos de los cantes flamencos." *WVU Philological Papers* 10 (1956), 62-70.

"Arte y origen de las murgas callejeras." *University of Kentucky Quarterly* 6 (1959), 20-37.

"Lo que es y lo que pasa cuando se pela la pava." *Canadian Modern Language Review* 17, 3 (1961), 37-39.

BOOK REVIEWS

Tom Lea, *The Brave Bulls*. In *Modern Language Journal* 36 (1952), 251.

McBride, Arthur C.

ARTICLES

"Victor Hugo dans la North American Review." *Canadian Modern Language Review* 17 (1961).

Mannin

"An Old
inic: S
Studie
Cambr
Press,

"A New
ject P
Langu
"The Mi
Saint
Specul
"Humor
and C
Quarte

Singer,

A Bibli
Thenc
Morgan

"A Reex
Teachi
guage

"The Lit
El L
Philoto

"The So
the Ma
Licenci

logical
"Cervant
Form

logical
(joint a
frice."

217-218
nal 25

"Journal
Nieman

"Research
Bulletin

"Supplem
Don J
Critici

10 (19
(joint au
... for
314-336
(1959).

"Second S
of the
and C
Papers

SOCIOLOGY

Manning, Warren F.

CHAPTERS AND SECTIONS

"An Old Spanish Life of Saint Dominic: Sources and Date." In *Medieval Studies in Honor of J. D. M. Ford*. Cambridge: Harvard University Press, 1948, 137-158.

ARTICLES

"A New Rule for the Position of Object Pronouns in French." *Modern Language Journal* 33 (1949), 636.
 "The Middle English Verse Life of Saint Dominic: Date and Source." *Speculum* 31 (1956), 82-91.
 "Humor in the Golden Legend." *Cross and Crown* (Dominical Theological Quarterly) June (1957), 162-170.

Singer, Armand E.

BOOKS

A Bibliography of the Don Juan Theme: Versions and Criticism. Morgantown: WVU, 1954, 174pp.

ARTICLES

"A Reexamination of Objectives in Teaching Spanish." *Modern Language Journal* 30 (1946), 337-344.
 "The Literary Progeny of Cervantes' El Licenciado Vidriera." *WVU Philological Papers* 5 (1947), 59-72.
 "The Sources, Meaning, and Use of the Madness Theme in Cervantes' *Licenciado Vidriera*." *WVU Philological Papers* 6 (1949), 31-53.
 "Cervantes' *Licenciado Vidriera*: Its Form and Substance." *WVU Philological Papers* 8 (1951), 13-31.
 (joint author) "An Ancient Dentifrice." *Classical Weekly* 43 (1950), 217-218; *West Virginia Dental Journal* 25 (1951), 106-107.
 "Journalism is Everybody's Business." *Nieman Reports* 7 (July 1953), 39-42.
 "Researchers' U. N." *South Atlantic Bulletin* 21 (Nov. 1955), 10.
 "Supplement to a Bibliography of the Don Juan Theme: Versions and Criticism." *WVU Philological Papers* 10 (1956), 1-36.
 (joint author) "Annual Bibliography . . . for Spanish." *PMLA* 72 (1957), 314-336; 73 (1958), 262-280; 74 (1959), 234-255.
 "Second Supplement to a Bibliography of the Don Juan Theme: Versions and Criticism." *WVU Philological Papers* 11 (1958), 42-66.

(joint author) "Some Notes on the One Sang Green of Tibet, and Related Problems." *Weekly Philatelic Gossip* 67 (1958), 78-79, 91; *The Great Wall* (Australia) 3 (1959), 36-38.

"Third Supplement to a Bibliography of the Don Juan Theme: Versions and Criticism." *WVU Philological Papers* 12 (1959), 44-68.

"Don Juan in America." *Kentucky Foreign Language Quarterly* 7 (1960), 226-232.

(joint author) "Postal Rates in Tibet, 1903-1960." *Weekly Philatelic Gossip* 72 (1961), 232-235.

BOOK REVIEWS

H. D. S. Haverbeck, *Postage Stamps and Postal History of Tibet*. In *Weekly Philatelic Gossip* 68 (1959), 562-565.

Leo Weinstein, *The Metamorphoses of Don Juan*. In *Hispanic Review* 29 (1961), 153-156.

SOCIOLOGY

Gibbard, Harold A.

REPORTS

(joint author) *The Acquiring of Membership in Established Groups. Final Technical Report of the Office of Naval Research NONR-1365* (01), August 1955.

CHAPTERS AND SECTIONS

"Minority Groups in the United States." In *Patterns for Modern Living*. Delphian Society, vol. I. Chicago: The Delphian Society, 1949, 205-252.

"Geography, Ecology, and the Community." In *Fundamentals of Sociology: A Situation Analysis*. Seba Eldridge and Associates. New York: Thomas Y. Crowell, 1950, 139-249.

Basic Draft of "Summary and Recommendations." In *A Survey of the Educational Programs of the West Virginia Public Schools*, The Survey Staff, E. K. Feaster, Director, Charleston, W. Va.: Legislative Interim Committee, 1957.

"Jacob Saposnekow at West Virginia University." In *Essays in Social Science in Memory of Jacob Saposnekow*. Henry Miller and Philip Shorr, eds. Privately Printed, 1958, 11-19.

COLLEGE OF ARTS AND SCIENCES

ARTICLES

- "Sociological Frames of Reference for Community Analysis." *WVAS Proceedings* 21 (1949), 110-113.
 "The Assimilation of Members into Voluntary Groups." *WVAS Proceedings* 28 (1956), 42-47.

Miller, Paul A.

BOOKS

- Community Health Action: A Study of Community Contrast*. East Lansing: Michigan State University Press, 1953, 192pp.

MONOGRAPHS

- (joint author) *Health Needs and Health Care in Michigan*. Michigan State College, Agricultural Experiment Station, Section of Sociology and Anthropology. *Special Bulletin* 365, 1950, 94pp.
 (joint author) *Community Organization for Health: Selected References*. Michigan State College, Social Research Service, December, 1950.
Higher Agricultural Education in Colombia: A Framework for Teaching, Extension and Research. Commission on Higher Education sponsored by the W. K. Kellogg Foundation, Battle Creek, Michigan, Paul A. Miller, Chairman. 1961. (Published in English and Spanish.)

CHAPTERS AND SECTIONS

- "Social, Economic, and Political Values of Farm People in Relation to Farm Programs and Adjustments." In *Problems and Policies of American Agriculture*, Iowa State University. Center for Agricultural Adjustment. Ames, Iowa. Iowa State University Press, 1959, chapter 6.

ARTICLES

- "A Cultural Basis for Education in Conservation." *Journal of Soil and Water Conservation* 3 (1948), 13-16.
 (joint author) "Objectives and Methods of Rural Sociological Research in Health at Michigan State College." *Rural Sociology* 14 (1949), 206-212.
 "The Process of Decision-Making Within the Context of Community Organization." *Rural Sociology* 17 (1952), 153-161.
 "A Social Phase to the Conservation Task." *Journal of Soil and Water Conservation* 7 (1952), 238-242.

- (joint author) "A Theoretical Model for Health Action." *Rural Sociology* 22 (1957), 149-155.

- "Extension Education in the Land-grant University." *Farm Policy Forum* 11, 4 (1958-59), 8-14.

- "Up From the Farm." *Challenge* 7, 6 (1959), 48-51.

- "The Role of Institutions and Organizations in Community Development." *Proceedings of the Thirty-eighth Conference of the American Country Life Association* 38 (1959), 11-22.

- "Adjustment Needed in Extension Thinking and Organization." *Journal of Farm Economics* 41 (1959), 1435-1445.

SPEECH

Davis, Leonard M.

ARTICLES

- (joint author) "Nathan Goff — West Virginia Orator and Statesman." *West Virginia History* 12 (1951), 299-337.

DRAMATIC WORKS

- (joint author) *Night of Assassins*. (An original dramatic presentation, produced and directed by the authors.) Performed: Reynolds Hall, WVU, March 21, 1960.

Henning, James H.

ARTICLES

- "Speech: Some Questions and Answers." *West Virginia School Journal* 77, 9 (1949), 10, 36.

- (joint author) "Nathan Goff—West Virginia Orator and Statesman." *West Virginia History* 12 (1951), 299-337.

- "How to Prepare a Talk." *Today's Speech* 1, 2 (1953), 12-15.

- "How to Deliver a Speech." *Today's Speech* 3, 1 (1955), 3-4, 21.

- "Speech Education in West Virginia High Schools, Part I." *West Virginia School Journal* 84, 9 (1956), 10, 25.

- "Speech Education in West Virginia High Schools, Part II." *West Virginia School Journal* 84, 10 (1956), 16, 30.

- "The Need for Speech Education." *Today's Speech* 5, 1 (1957), 3.

SPEECH

- "Current Credit-Hour Teaching Load Policies and Practices in Selected American Colleges and Universities." *Speech Teacher* 8 (1959), 237-241.
- "Why Not Speech?" *Today's Speech* 8, 3 (1960), 4-5.

Schlanger, Bernard B.

CHAPTERS AND SECTIONS

- "Speech and Hearing in Diagnosis." In *Conference on Diagnosis in Mental Retardation*. Vineland, N. J.: The Training School, 1958, 136-171.
- "Speech of the Mentally Handicapped." In *Speech Correction*, Sister M. C. Spradling (Ed.) Washington, D. C.: Catholic University of America Press, 1958, 54-72.
- "Team Approach in Speech and Hearing." In *Coordinating and Integrating All Services Related to Treatment, Training, and Management of the Mentally Retarded*, Vineland, N. J.: The Training School, 1959, 165-171.
- "Brain Injury, Mental Retardation, Aphasia and Emotional Maladjustment in Delayed and Defective Speech." In *Pathology and Therapy of Speech and Voice*, N. Levin (Ed.) Springfield, Ill.: C. Thomas, 1961, 153-167.

ARTICLES

- "Speech Examination of a Group of Institutionalized Mentally Handicapped Children." *Journal of Speech and Hearing Disorders* 18 (1953), 339-349.
- "Speech Measurements of Institutionalized Mentally Handicapped Children." *American Journal of Mental Deficiency* 58 (1953), 114-122.
- "Speech Therapy Results with Mentally Retarded Children in Special Classes." *Training School Bulletin* 50 (1953), 179-186. (Also in *Counseling and Psychotherapy with Retarded Children*, C. L. Stacey and

- M. F. DeMartino.) Glencoe, Ill.: Free Press, 1957, 306-312.
- "Environmental Influences on the Verbal Output of Mentally Retarded Children." *Journal of Speech and Hearing Disorders* 19 (1954), 339-343.
- "An Investigation of Retarded Brain-Damaged Children with Delayed Speech and Language." *Training School Bulletin* 53 (1956), 64-74.
- (joint author) "Testing the Hearing of the Mentally Retarded." *Journal of Speech and Hearing Disorders* 21 (1956), 487-493.
- "An Analysis of Speech Defects Among Institutionalized Children." *Journal of Speech and Hearing Disorders* 22 (1957), 98-103.
- (joint author) "Clinical Speech Program at the Training School." *American Journal of Mental Deficiency* 61 (1957), 516-521.
- "Oral Language Classification of the Training School." *Training School Bulletin* 53 (1957), 93-103.
- "Mentally Retarded and/or Aphasic." *Training School Bulletin* 54 (1958), 62-65.
- "Results of Varying Presentations to Brain-Damaged Children of an Auditory Word Discrimination Test." *American Journal of Mental Deficiency* 63 (1958), 464-468.
- "Speech Therapy with Mentally Retarded Children." *Journal of Speech and Hearing Disorders* 23 (1958), 288-301.
- "A Longitudinal Study of Speech and Language Development of Brain-Damaged Retarded Children." *Journal of Speech and Hearing Disorders* 24 (1959), 354-360.

BOOK REVIEWS

- Wendell Johnson, *The Onset of Stuttering*. In *Speech Teacher* 9 (1960), 74-75.
- Natalie Perry, *Teaching the Mentally Retarded Child*. In *Journal of Speech and Hearing Disorders* 26 (1961), 195-196.

COLLEGE OF COMMERCE

Alvis, Vance Quentin

MONOGRAPHS

The Cost and Availability of Funds to New Manufacturing Firms in West Virginia. WVU Bureau of Business Research, 1958, 40pp.

The West Virginia Gross Sales Tax. WVU Bureau of Business Research, 1960, 92pp.

BOOK REVIEWS

James M. Buchanan, *Public Principles of Public Debt: A Defense and Re-statement.* In *Journal of Finance* 14 (1959), 124-126.

Henry Grayson and Philipp H. Lohman, *Principles of Economics.* In *American Economic Review* 49 (1959), 154-156.

Campbell, Thomas C.

MONOGRAPHS

The Bituminous Coal Freight-Rate Structure—An Economic Appraisal. WVU Bureau of Business Research, 1954, 47pp.

CHAPTERS AND ARTICLES

"A Product of Monopoly, Differentials Won't Work Now." In *Essays on Traditional Differentials in Railway Rate-Making.* New York: Simmons-Boardman, 1956, 21-25.

ARTICLES

"The Wabash—The Gould Downfall." *Western Pennsylvania Historical Magazine* 33 (1950), 21-42.

"Public Attitudes Towards Utilities." *Public Utilities Fortnightly* 57 (1956), 230-235.

"Capitalism and Christianity." *Harvard Business Review* 35 (1957), 37-44.

"When a Utility Franchise Expires." *Public Utilities Fortnightly* 61 (1958), 516-525.

"Public Utility Franchises—Are They Necessary?" *Public Utilities Fortnightly* 64 (1959), 977-985.

"Rate Making and the Transportation Act of 1958." *Current Economic Comments* 21 (1959), 29-38.

"Agricultural Exemptions from Motor Carrier Regulation." *Land Economics* 36 (1960), 14-25.

"Exemption of Bulk-Commodity Haulage on Waterways from ICC Regulation." *Traffic World* 27 (1960), 56-62.

"Marketing of Public Utility Services." *Business Topics* 8 (1960), 33-43.

Coleman, Raymond W.

MONOGRAPHS

Bureaus of Business and Economic Research—An Analysis of Objectives. Indiana University, 1958, 21pp.

ARTICLES

"The Role of Accounting in Management." *Accounting Review* 24 (1949), 179-184.

Fishman, Betty G.

MONOGRAPHS

(joint author) *Schools for Commercial Bank Personnel.* WVU Bureau of Business Research, 1958, 23pp.

CHAPTERS AND SECTIONS

(joint author) "Economic Stability, Economic Growth and Price Stability." In *The Relationship of Prices to Economic Stability and Growth.* U.S. Congress, Joint Economic Committee, 1958, 61-74.

(joint author) "The Economic Effects of Postwar National Security Expenditures." In *Federal Expenditure Policy for Economic Growth and Stability.* U.S. Congress, Joint Economic Committee, 1957, 518-522 (Republished in the *Commercial and Financial Chronicle* February 13, 1958, 12-13.)

ARTICLES

(joint author) "Bituminous Coal Production During World War II." *Southern Economic Journal* 18 (1952), 391-396.

(joint author) "Value Judgments and the Formulation of Economic Policy Proposals." *Current Economic Comment* 19 (1957), 17-23.

(joint author) "Public Policy and Political Considerations." *Review of Economics and Statistics* 39 (1957), 457-462.

(joint author) "Joint Educational Programs for Commercial Bank Personnel." *European Productivity* 31 (1959), 43-49.

COLLEGE OF COMMERCE

Commodity Haul-
m ICC Regula-
7 (1960), 56-62.
ility Services."
60), 33-43.

W.

HS
l Economic Re-
of Objectives
958, 21pp.

ng in Manage-
view 24 (1949),

HS
for Commercial
VU Bureau of
1958, 23pp.

LECTIONS

omic Stability.
d Price Stabili-
nship of Prices
y and Growth.
Economic Com-

conomic Effects
l Security Ex-
al Expenditure
c Growth and
ess, Joint Eco-
57, 518-522 (Re-
ommercial and
February 13,

inuous Coal Pro-
World War II."
omic Journal 18

Judgments and
Economic Policy
Economic Com-
3.

Policy and Po-
s." *Review of
Statistics* 39 (1957),

Educational Pro-
al Bank Person-
productivity 31

(joint author) "Price Stability as a
Goal of Public Policy." *Current Eco-
nomic Comment* 21 (1959), 35-44.

"The Concepts of Economic Stability
and Economic Growth." *Current
Economic Comment* 21 (1959), 51-60.

BOOK REVIEWS

Robert Triffin, *Europe and the Money
Muddle*. In *Current Economic Com-
ment* 19 (1957), 79-80.

Thomas C. Cochran, *The American
Business System*. In *Current Eco-
nomic Comment* 21 (1959), 62-64.

Fishman, Leo

MONOGRAPHS

*British War-Time Control of Selected
Non-Ferrous Metals, 1939-41*. New
York: New York University, 1949,
14pp.

*A Survey of Changes in West Virginia
Banks, 1940-1947*. WVU Bureau of
Business Research, 1949, 22pp.

(joint author) *Schools for Commercial
Bank Personnel*. WVU Bureau of
Business Research, 1958, 23pp.

*Employment Changes in West Vir-
ginia, 1948-1958*. WVU Bureau of
Business Research, 1961, 26pp.

CHAPTERS AND SECTIONS

"A Proposal for Improving Statistics
Published by State Agencies." In
Economic Statistics, U. S. Congress,
Joint Committee on the Economic
Report, 1954, 360-361.

"The Role of the Federal Government
in Assisting Low-Income Families."
In *Low-Income Families*, U. S. Con-
gress, Joint Committee on the Eco-
nomic Report, 1955, 53-57.

"The West Virginia Economy, 1954."
In *January, 1955 Economic Report
of the President*, U. S. Congress,
Joint Committee on the Economic
Report, 1955, 263-265.

(joint author) "The Economic Effects
of Postwar National Security Ex-
penditures." In *Federal Expenditure
Policy for Economic Growth and
Stability*, U. S. Congress, Joint Eco-
nomic Committee, 1957, 518-522 (Re-
published in the *Commercial and
Financial Chronicle* February 13,
1958, 12-13.)

(joint author) "Economic Stability,
Economic Growth and Price Stabili-
ty." In *The Relationship of Prices to*

Economic Stability and Growth,
U. S. Congress, Joint Economic Com-
mittee, 1958, 61-74.

ARTICLES

"War-Time Control of Tin in Great
Britain." *Journal of Political Econo-
my* 54 (1946), 413-435.

(joint author) "Appraisal of Methods
for Estimating the Size Distribution
of a Given Aggregate Income." *Review
of Economic Statistics* 29
(1947), 43-46.

"Further Remarks on Estimating the
Size Distribution of a Given Aggregate
Income." *Review of Economics
and Statistics* 32 (1950), 106-107.

(joint author) "Bituminous Coal Pro-
duction During World War II." *Southern
Economic Journal* 18
(1952), 391-396.

"Limitations of the Business Execu-
tive as Government Administrator." *Journal
of Business of the Univer-
sity of Chicago* 25 (1952), 89-94.

"Consumer Expectations and the Con-
sumption Function." *Southern Eco-
nomic Journal* 20 (1954), 243-251.

"The American Economy during the
Next Ten Years." *Commercial and
Financial Chronicle* 181 (June 9,
1955), 16, 41.

"The Introductory Course in Eco-
nomics." *Social Education* 20 (1956),
165-168.

"The Legality of Basing Point Pricing
Systems Under the Robinson-Pat-
man Act." *Antitrust Bulletin* 2
(1956), 125-131.

(joint author) "Public Policy and Po-
litical Considerations." *Review of
Economics and Statistics* 39 (1957),
457-462.

(joint author) "Value Judgments and
the Formulation of Economic Policy
Proposals." *Current Economic Com-
ment* 19 (1957), 17-23.

(joint author) "Joint Educational Pro-
grams for Commercial Bank Person-
nel." *European Productivity* 31
(1959), 43-49.

(joint author) "Price Stability as a
Goal of Public Policy." *Current Eco-
nomic Comment* 21 (1959), 35-44.

"The Argument for Selective Credit
Ease." *Business Horizons* 2 (1959),
65-72.

BOOK REVIEWS

Emanuel R. Posnack, *The 21st Century
Looks Back*. In *American Economic
Review* 36 (1946), 923-925.

COLLEGE OF COMMERCE

U. S. Bureau of the Budget, Committee on Records of War Administration, *The United States at War*. In *Annals of the American Academy of Political and Social Science* 253 (1947), 209.

William Vickrey, *Agenda for Progressive Taxation*. In *Annals of the American Academy of Political and Social Science* 254 (1947), 187-188.

Seymour E. Harris, *The National Debt and the New Economics*. In *Annals of the American Academy of Political and Social Science* 257 (1948), 247-248.

Herman Miles Somers, *Presidential Agency: The Office of War Mobilization and Reconversion*. In *Annals of the American Academy of Political and Social Science* 272 (1950), 216-217.

Challis A. Hall, Jr., *Effect of Taxation: Executive Compensation and Retirement Plans* and Thomas H. Sancers, *Effects of Taxation on Executives*. In *Annals of the American Academy of Political and Social Science* 278 (1951), 213-214.

Tax Institute, *Taxation and Business Concentration*. In *Annals of the American Academy of Political and Social Science* 284 (1952), 188-189.

George Racey Jordan and Richard L. Stokes, *From Major Jordan's Diaries*. In *Annals of the American Academy of Political and Social Science* 287 (1953), 186.

Joseph A. Schumpeter, *History of Economic Analysis*. In *Annals of the American Academy of Political and Social Science* 295 (1954), 164-165.

Timothy W. Stanley, *American Defense and National Security*. In *Annals of the American Academy of Political and Social Science* 315 (1956), 169.

Vernon A. Mund, *The Right to Buy—And Its Denial to Small Business*. In *Annals of the American Academy of Political and Social Science* 317 (1958), 213-214.

Gavett, Thomas W.

MONOGRAPHS

Wage Differentials in West Virginia. WVU Bureau of Business Research, 1961.

EDITORSHIPS

Proceedings of the Seventh-Eleventh Annual Labor-Management Conference. WVU Institute of Industrial Relations, 1957-1961.

CHAPTERS AND SECTIONS

"Comments" (on paper by Simon Rottenberg). In *A Symposium on Labor Relations Law*, Ralph Slovenko, (Ed.) Baton Rouge, Louisiana: Claitor's Book Store, 1961, 5pp.

Isaack, Thomas S.

MONOGRAPHS

(joint author) *Factors Influencing Plant Location in West Virginia*. WVU Bureau of Business Research, 1956, 24pp.

ARTICLES

"Production Control." *Journal of the Academy of Management* 1, 1 (1957), 86-87.

"Personnel Prescription." *Hospital Management* 86, 2 (1958), 41, 80-81.

"Organization Theory—Business Success Depends on It." *Journal of the Academy of Management* 1, 3 (1958), 29-36.

"Why Organization Theory." *Advertisers' Digest* 24, 10 (1959), 6-9.

"The Measure of Man." *Hospital Management* 89 (1960), 100-102.

"Tracking a Case Discussion." *Journal of American Society of Training Directors* 14, 10 (1960), 36-37.

BOOK REVIEWS

Percival E. Jackson, *Corporate Management*. In *West Virginia Law Review* 58 (1956), 319-321.

Noyes, Honora M.

ARTICLES

"How Can We Build Production Skill in Advanced Typewriting Classes?" *Balance Sheet* 31 (1950), 348-351.

"Let's Adopt the Stepchild—Spelling." *Business Education World* 35 (1954), 27-28.

Thompson, James H.

MONOGRAPHS

(joint author) *The Operation of the Tax-Limitation Amendment in West Virginia*. WVU Bureau of Business Research, 1950, 29pp.

DATA PROCESSING CENTER

The Manufacturing Industries of West Virginia. WVU Bureau of Business Research, 1952, 67pp.

Markets and Marketing Methods of the West Virginia Coal Industry. WVU Bureau of Business Research, 1953, 15pp.

West Virginia Statistical Handbook. WVU Bureau of Business Research, 1955, 129pp.

Labor Market Areas for Manufacturing Plants in West Virginia. WVU Bureau of Business Research, 1955, 27pp.

(joint author) *Factors Influencing Plant Location in West Virginia, 1945-1956.* WVU Bureau of Business Research, 1955, 24pp.

Significant Trends in the West Virginia Coal Industry, 1900-1957. WVU Bureau of Business Research, 1958, 65pp.

(joint author) *The Economic Impact of State and Local Taxes in West Virginia.* WVU Bureau of Business Research, 1958, 51pp.

West Virginia Statistical Handbook (Revised Ed.) WVU Bureau of Business Research, 1959, 143pp.

ARTICLES

"Essential Features of a Model Retirement System." *American City* 64 (1949), 84-85.

"The Financial History of Pittsburgh, The Early Period, 1816-1865." *Western Pennsylvania Historical Magazine* 33 (1950), 43-64.

"Pittsburgh's Worst Crisis in Municipal Finance—The Railroad Bond Affair (1859-64)." *Pennsylvania History* 17 (1950), 215-220.

"Effects of Property Tax Limitation in West Virginia." *National Tax Journal* 4 (1951), 129-138.

"Commuting Patterns of Manufacturing Employees." *Industrial and Labor Relations Review* 10 (1956), 70-80.

BOOK REVIEWS

Walter P. Egle, *Economic Stabilization: Objectives, Rules and Mechanisms.* In *Southern Economic Journal* 19 (1953), 393-394.

Vincent, Vern H.

ARTICLES

"The Graduate Curriculum in Accounting." *Accounting Review* 27 (1952), 84-88.

(joint author) "Report of the Committee on Cost Concepts and Standards." *Accounting Review* 27 (1952), 174-188.

DATA PROCESSING CENTER

Jones, Ernest L.

CHAPTERS AND SECTIONS

"Chapter 13." In *Educational Statistics in West Virginia (A Survey)* Oxford, Ohio: The Bureau of Educational Field Services, Miami University, 1960, 60-63.

SCHOOL OF DENTISTRY

CROWN AND BRIDGE DENTISTRY

Adams, John D.

ARTICLES

- "The Selection of Intracoronal Retainers in Posterior Fixed Bridges." *Washington University Dental Journal* 16 (1949), 46-50.
- "The High Speed Handpiece." *Washington University Dental Journal* 20 (1954), 43-45.
- "Present Status of Instruction in Crown and Bridge Prosthodontics." *Journal of Dental Education* 20 (1956), 205-210.
- "Planning Posterior Bridges." *Journal of the American Dental Association* 53 (1956), 647-654.

DENTAL MATERIALS

Overberger, James E.

MONOGRAPHS

- Investigation of Selected Waxes for Possible Use in Dentistry. National Bureau of Standards Report 5757, 1957, 10pp.*

ENDODONTICS

Biddington, William Robert

ARTICLES

- (joint author) "Effects of the Topical Application of a Vasoconstrictor and a Vasodilator on the Capillary Circulation of the Dental Pulp." *Oral Surgery, Oral Medicine, and Oral Pathology* 11 (1958), 1269-1277.
- (joint author) "Studies of the Etiology of Periapical Periodontitis: I. The Role of Vascular Changes in the Periapical Tissue." *Oral Surgery, Oral Medicine, and Oral Pathology* 12, (1959), 676-684.

OPERATIVE DENTISTRY

Randolph, Kenneth V.

ARTICLES

- "The Teaching of Operative Procedures in Clinical Operative Dentistry." *Journal of Dental Education* 23 (1959), 286-297.

Sausen, Robert E.

BOOKS

- Dental Clinics of North America*. Philadelphia: W. B. Saunders, 1958, 821pp.

ARTICLES

- "Autocuring Resins in Operative Dentistry." *Journal of the Canadian Dental Association* 19 (1953), 533-543.
- "Some Fundamentals on Inlay Cavity Preparation." *Dental Practitioner* 4 (1953), 36-42.
- "Penetration of Radiocalcium at Margins of Acrylic Restorations Made by Compression and Noncompression Techniques." *Journal of the American Dental Association* 47 (1953), 636-638.
- "Electrophoresis in Dentin with Radioactive Calcium." *Journal of Dental Research* 34 (1955), 12-19.
- "Tissue Response to Ultrasonic Applications on Deciduous and Developing Monkey Teeth, and Ultrasonic Applications with Heavy Pressure." *North-West Dentistry* 36 (1957), 305-315.

ORAL PATHOLOGY

Kelln, Elmer E.

ARTICLES

- "Oral Manifestations of Crouzon's Disease." *Oral Surgery, Oral Medicine and Oral Pathology* 13 (1960), 1245-1248.
- "Oral Manifestations of the Syndrome of Fitzgerald - Gardner, Pringle - Bournville, Robin; Adrenogenital and Hurler-Pfloodler Syndromes." *Oral Surgery, Oral Medicine, and Oral Pathology* 13 (1960), 1233-1244.
- "Effect of Diphenylhydantoinate Sodium and Analogue on Wound Healing." *Journal of Dental Research* 39 (1960), (37) 665-667.
- "The Experimental Production of a Cyst in the Dog Tibia." *West Virginia Dental Journal* 25 (1961), 7-9.
- "Healing Qualities of an Epilepsy Drug." *Dental Progress* 1 (1961), 126-129.

BOOK REVIEWS

- George L. Montgomery, *Pathology for Students of Dentistry*. In *New York State Dental Journal* 25 (1958), 417.

ORAL SURGERY

ORAL SURGERY

Campbell, John L.

MONOGRAPHS

The Antibiotic Sensitivity of the Causative Agents of Acute Cellulitis of Face and Neck. College Park, Md.: University of Maryland Press, 1953, 63pp.

Welch, John T.

ARTICLES

"The Use of Epinephrine in Local Anesthetics for Dental Patients with Cardiovascular Disease: a Review of the Literature." *Journal of Oral Surgery, Anesthesia and Hospital Dental Service* 18 (1960), 492-503.

ORTHODONTICS

Sassouni, Viken

BOOKS

(joint author) *Roentgenographic Cephalometry.* University of Pennsylvania: Growth Center Publication, 1957, 363pp.

Clinical Cephalometry. University of Pennsylvania: Growth Center Publication, 1959, 248pp.

The Face in Five Dimensions. University of Pennsylvania: Growth Center Publication, 1960, 317pp.

MONOGRAPHS

"Identification of War Dead by Means of Roentgenographic Cephalometry." Technical Report EP-125-Headquarters Quartermaster Research and Engineering Command U. S. Army (1960), 1-65.

ARTICLES

"A Roentgenographic Cephalometric Analysis of Cephalo-Facio-Dental Relationships." *American Journal of Orthodontics* 41 (1955), 735-764.

"Position of the Maxillary First Permanent Molar in the Cephalo-facial Complex." *American Journal of Orthodontics* 43 (1957), 477-510.

"Diagnosis and Treatment Planning Via Roentgenographic Cephalometry." *American Journal of Orthodontics* 44 (1958), 433-463.

"Palatoprint, Physioprint, and Roentgenographic Cephalometry, as New Methods in Human Identification."

Journal of Forensic Sciences 2 (1957), 429-443.

"Physical Individuality and the Problem of Identification." *Temple Law Quarterly* 31 (1958), 1-12.

"Cephalometric Identification." *Journal of Forensic Sciences* 4 (1958), 1-10.

PERIODONTICS

Fraleigh, Claud Mahlon

ARTICLES

"Indications for Repositioning of Attached Gingiva." *Journal of the Western Society of Periodontology* 5, 4 (1957), 93.

"Necrotizing Ulcerative Gingivitis." *West Virginia State Dental Journal* 35 (1961), 33-39.

PROSTHODONTICS

Boyers, Fred E.

ARTICLES

"Some Considerations in the Selection of Teeth." *West Virginia Dental Journal* 34 (1960), 7-9.

Davis, John B.

ARTICLES

"Technique of the Month — Wrought Wire Clasps with Cast Rests." *Oral Hygiene* 42 (1952), 59 (Spanish Edition, April 1952).

"Use of the Airdent Unit in Private Practice." *Dental Digest* 58 (1952), 258-261.

"Boxing an Alginate or Hydrocollod Impression." *Journal of Prosthetic Dentistry* 3 (1953), 374.

SOCIAL RELATIONS

Howard, John W.

ARTICLES

"Structural Linguistics and Composition: a Rejoinder." *College English* 21 (1960), 291-292.

"How Much English Does a Dentist Need?" *College Composition and Communication* 11 (1960), 71-74; Reprinted: *Journal of Dental Education* 25 (1961), 74-77.

COLLEGE OF EDUCATION

Bailey, Benjamin H.

CHAPTERS AND SECTIONS

Broward County Schools, Schoolplant Survey, R. L. Johns, Ed. Florida State Department of Education: The Department, 1957, 175pp.

Volusia County Schools, Schoolplant Survey, J. M. Leps, Ed. Florida State Department of Education: The Department, 1957, 150pp.

Brevard County Schools, Schoolplant Survey, R. L. Johns, Ed. Florida State Department of Education: The Department, 1958, 80pp.

Leon County Schools, Schoolplant Survey, Florida State Department of Education: The Department, 1958, 100pp.

Marion County Schools, Schoolplant Survey, J. M. Leps, Ed. Florida State Department of Education: The Department, 1958, 120pp.

ARTICLES

"Personality Rigidity, Patterns of Operation and Leadership Effectiveness of Secondary School Principals." *Florida Journal of Educational Research* 11 (1960), 1-7.

"The Problem of Marking." *West Virginia School Journal* 88, 8 (1960), 10, 30-31.

"Leadership—A Subject of Research." *West Virginia School Journal* 89, 9 (1961), 19, 26.

Boggs, Earl R.

BOOKS

Human Relations in the Classroom. Charlottesville: Anderson Bros. Book Store, 1954, 213pp.

MONOGRAPHS

Roanoke Curriculum Guides for Grades Seven, Eight, and Nine. (Educational Consultant and Editor) 1952.

CHAPTERS AND SECTIONS

"Improving the Instructional Program." In *Pupil Transportation*, National Education Association, Department of Rural Education, Yearbook, 1953, 47-65.

ARTICLES

"Articulation of a Twelve Year Program." *West Virginia Educational Bulletin* 15, 4 (1947), 20-22.

"Albemarle County Administrative Educational Tour." *Virginia Journal of Education*, November (1949).

"Community Headquarters—7th Grade Room." (Editor) *N.E.A. Journal* 40 (1951), 13-14.

"Selected Precepts of Freedom to Choose in *Paradise Lost*." *Peabody Journal of Education* 30 (1953), 276-284.

"Competencies of Successful Teachers." *Radford Review* 14, 3 (1960).

Brochick, Anna

BOOKS

Spelling for You. Englewood Cliffs, N.J.: Prentice-Hall, 1959, 114pp.

CHAPTERS AND SECTIONS

"English 11." In *Communicative Arts*, James B. McMillan, general ed. Washington: Randall Pub. Co., 1961, 267-274.

"English 12." In *Communicative Arts*, James B. McMillan, general ed. Washington: Randall Pub. Co., 1961, 317-324.

ARTICLES

"Concert of Carols in Many Tongues." *West Virginia School Journal* 76, 4 (1947), 14-15.

"Core Studies—A Concept." *Bulletin of the National Association of Secondary School Principals* 34 (1950), 203-208.

(joint author) "Assembly in the Round." *Journal of Education* 134 (1951), 196-197.

"King and Queen of Bookland Reign Over Book Week Assembly." *English Journal* 41 (1952), 497.

"You've Got to go out of Your Way." *West Virginia School Journal* 81, 3 (1952), 16-17.

"Improving Oral Reports." *English Journal* 42 (1953), 262-264.

(joint author) "Core Grows in West Virginia." *West Virginia School Journal* 83, 7 (1955), 20.

Cook, Kermit A.

BOOKS

(joint author) *Student Teaching in the Secondary School*. Dubuque Iowa: William C. Brown, 1954, 175pp.

COLLEGE OF EDUCATION

ARTICLES

- "Is the Faculty Meeting Significant in Promoting Professional Growth?" *School Review* 56 (1948), 519-524.
- "Military Defense of the Frontier in the Northwest Territory." *West Virginia History* 10 (1948), 25-61, 93-113.
- "A Laboratory in Human Relations." *Nation's Schools* 42 (1948), 26-27.
- "Effect of Two Patterns of High School Training on College Achievement." *School Review* 59 (1951), 164-167.
- "Voting Responsibility and the Public Schools." *Social Education* 15 (1951), 279-281.
- "Half Century of Progress in Education." *West Virginia School Journal* 80, 7 (1952), 10-11.
- "West Virginia's Scholar in Politics." *West Virginia School Journal* 82, 3 (1953), 12.
- "A Bigger Job Than We Think." *West Virginia School Journal* 87, 10 (1959), 10-11.

BOOK REVIEWS

- William Yale, *The Near East*. In *Social Education* 23 (1959), 142.
- Sydney Nettleton Fisher, *The Middle East: A History*. In *Social Education* 25 (1961), 58-59.

Hudelson, Earl

ARTICLES

- "The Feasibility of Self-Supervision." *Journal of Educational Research* 45 (1952), 335-347.

Kennedy, Eddie C.

ARTICLES

- "How to Teach Reading in the Content Fields." *West Virginia School Journal* 84, 2 (1955), 19, 63.
- "Grouping of Children." *West Virginia School Journal* 85, 9 (1957), 10-11, 32.

Miller, Delmas F.

ARTICLES

- "The Case of Statutory Curriculum Development." *West Virginia School Journal* 83, 3 (1954), 8.

"Exploring in the Junior High." *West Virginia School Journal* 84, 4 (1955), 9.

"The Gentle Art of Stopping." *West Virginia School Journal* 87, 3 (1958), 5.

"Speak the Speech and Sit Down!" *Clearing House* 33 (1959), 462-464.

BOOK REVIEWS

Vincent McGuire, Robert B. Myers, and Charles L. Durrance, *Your Student Teaching in the Secondary School*. In *Clearing House* 34 (1960), 373-374.

Kenneth H. Hansen, *Philosophy for American Education*. In *Clearing House* 35 (1961), 438-439.

Nine, E. Grant

ARTICLES

"The Orientation Problem." *West Virginia Educational Bulletin* 20, 9 (1953), 8-9.

"Accepting the Challenge of Social Living in Our Educational Program." *West Virginia Parent-Teacher* 22, 10 (1958), 3, 10.

Wilt, May L.

BOOKS

(joint author) *Student Teaching in the Secondary School*. Dubuque, Iowa: William C. Brown Co., 1954, 175pp.

ARTICLES

"'Over-all' Method of Teaching Logarithms." *Mathematics Teacher* 47 (1954), 133-136.

"Techniques for Solving Simple 'Set Up' Equations in One Unknown." *Mathematics Teacher* 39 (1946), 35-39.

"Seventh Grade Students do Research in Arithmetic." *West Virginia School Journal* 80, 7 (1952), 14-16.

"A Unit on History of Arithmetic." *Mathematics Teacher* 46 (1953), 475-478.

COLLEGE OF ENGINEERING

AERO - SPACE ENGINEERING

Walters, Richard E.

REPORTS

- Ground Test of Expendable-Pylon. Bomb-Ejector Racks, Types XMA-7 and XMD-1.* Air Force Armament Center TR-57-83 (AD 135982), Eglin Air Force Base, Florida, 1957, 31pp.
- Ground Tests of the North American Modified Ejector Rack for F-100 Aircraft.* Air Proving Ground Center TR-58-35 (AD 146926) Eglin Air Force Base, Florida, 1958, 33pp.
- Test of North American and Northrop Pylons and Racks with F-100D Aircraft.* Air Proving Ground Center TR-58-50 (AD 146940), Eglin Air Force Base, Florida, 1958, 82pp.

CHEMICAL ENGINEERING

Fairbanks, Harold V.

BOOKS

- (joint author) *Engineering Metallurgy*, New York: Pitman, 1957, 516pp.

ARTICLES

- (joint author) "Globe-Valve Coefficients for Valve Meters." *Industrial and Engineering Chemistry* 37 (1945), 588-591.
- (joint author) "Study of Adherence of Molten Glass to Heated Metals." *Journal of the American Ceramic Society* 32 (1949), 305-308.
- (joint author) "A Study of the Effect of Lubricants on the Adherence of Molten Glass to Heated Metals." *Journal of the American Ceramic Society* 33 (1950), 269-273.
- (joint author) "Investigation of the Adherence of Glass to Metals and Alloys." *Journal of the American Ceramic Society* 34 (1951), 357-360.
- "Powder Metallurgy." *WVAS Proceedings* 24 (1952), 131-134.
- "Powder Metallurgy." *West Virginia Engineer* 16, 4 (1954), 13-16.
- (joint author) "Ultrasonic Effect on Polymorphic Transformation of Steel." *Industrial and Engineering Chemistry* 47 (1955), 1181.

- "The Place of Solid State Physics in Engineering." *Journal of Engineering Education* 46 (1955), 251-254.
- (joint author) "Ultrasonics: Effects on Steel Heat Treatment." *Iron Age* 176 (1955), 139-142.
- (joint author) "Effects of Acoustical Waves on the Annealing of Steels." *Journal of the Acoustical Society of America* 29 (1957), 588-592.
- "The Expanding Use of Ultrasonics in Metallurgy." *Productivity Monthly*, China Productivity and Trade Center 1, 12 (1957), 11-12; *Mining and Metallurgical Engineering Annual*, Cheng Kung University (1958), 20-23.
- "Modern Developments in American Metallurgy." *Taiwan Engineering*, Chinese Institute of Engineers 2, 2 (1958), 4-5; *Mining and Metallurgical Engineering Annual*, Cheng Kung University (1958), 72-74.
- "Powder Metallurgy." *Productivity Monthly*, China Productivity and Trade Center 3, 7 (1959), 21-22.
- "The Expanding Field of Powder Metallurgy." *Productivity Monthly*, China Productivity and Trade Center 3, 8 (1959), 13-14.
- "The Place of Solid State Physics in Engineering." *Taiwan Engineering*, Chinese Institute of Engineers 3, 5, 6 (1959).
- "Induction Heating of Metals and Alloys." *Mining and Metallurgical Engineering Annual*, Cheng Kung University (1959), 12-16; *Productivity Monthly*, China Productivity and Trade Center 3, 11 (1959), 18-20.
- "The Place of Solid State Physics in Engineering." *Mining and Metallurgical Engineering Annual*, Cheng Kung University (1960), 54 - 56 (Chinese).
- "Powder Metallurgy and Its Expanding Field." *Mining and Metallurgical Engineering Annual*, Cheng Kung University (1960), 5-12.
- "Advanced Corrosion Theory, Metallurgical Aspects." *Proceedings of the Fifth Annual Appalachian Underground Corrosion Short Course*, WVU Engineering Experiment Station (1960), 176-182.
- (joint author) "Simplified Liquid Immersion Method for the Determination of the Dielectric Constant of Coal." (Abstract) *WVAS Proceedings* 32 (1960), 142.

CHEMICAL ENGINEERING

Galli, Alfred F.

CHAPTERS AND SECTIONS

"Petroleum Refining and Petrochemical Industries." In *Riegel's Industrial Chemistry*. J. A. Kent (Sixth Ed.) New York: Reinhold, 1962, Chapter 14.

Jones, Paul R.

CHAPTERS AND SECTIONS

(joint author) "Section 3." In *Handbook of Engineering Materials*, Miner and Seastone (First Ed.) New York: Wiley, 1955, 346-374.

ARTICLES

(joint author) "The Effects of Wetting Agents on the Physical Properties of Clay Bodies." *Bulletin of the American Ceramic Society* 31 (1952), 233-237.

(joint author) "Blending and Conveying of Ceramic Raw Materials by Fluidization." *Bulletin of the American Ceramic Society* 32 (1953), 367-372.

(joint author) "A Study of Drying Rates in Infrared Drying of Clay." *Journal of the American Ceramic Society* 38 (1955), 383-388.

(joint author) "Factorial Design of Experiments in Ceramics, I." *Journal of the American Ceramic Society* 41 (1958), 110-116.

(joint author) "Factorial Design of Experiments in Ceramics, II." *Journal of the American Ceramic Society* 43 (1960), 283-287.

Kent, James A.

BOOKS

Industrial Chemistry. New York: Reinhold, 1962, 950pp.

ARTICLES

(joint author) "Effects of Cerium Oxide on the Spectral Transmission of Some Experimental Glasses." *Journal of the American Ceramic Society* 31 (1948), 321-322.

(joint author) "Study of Adherence of Molten Glass to Heated Metals." *Journal of the American Ceramic Society* 32 (1949), 305-308.

"Can We Afford Not to Pilot Plant." *Industrial and Engineering Chemistry* 48 (1956), 47A.

(joint author) "Conversion in a Continuous Photochemical Reactor." *Industrial and Engineering Chemistry* 50 (1958), 1223.

Koehler, W. A.

BOOKS

Applications of Electrochemistry (Second Ed.) New York: John Wiley, 1944, 545pp.

Applications de L'Electrochimie, Paris: Dunod, 1950, 629pp.

MONOGRAPHS

(joint author) *The Action of Certain Micro-organisms in the Acid Mine Drainage*. American Institute of Mining and Metallurgical Engineers, Technical Publication 2381, 1948, 5pp.

(joint author) *Drainage from Bituminous Coal Mines*, WVU Engineering Experiment Station Research Bulletin 25, 1954, 35pp.

CHAPTERS AND SECTIONS

"Electrochemical Processes." The First 35 Pages of Sec. 18 of *The Electrical Engineers' Handbook*, Pender and Del Mar, Ed., New York: John Wiley, 1949.

(joint author) "Ceramic Materials." In *Handbook of Engineering Materials*, Miner and Seastone, Ed., New York: John Wiley, Sec. 3, 346-375.

"Electroplating." In *Encyclopedia Americana* 10, 1960, 209-217.

"Electrochemical Industries." In *Encyclopedia Americana* 10, 1960, 185j-197.

ARTICLES

"Structural Ceramics." *Metals and Alloys* 21 (1945), 95.

"Student and Alumni-Geographic Locations." *West Virginia Engineer* 7 (1945), 15-16.

"Research Projects in the Engineering Experiment Station." *West Virginia Engineer* 8 (1946), 6-7.

"Engineering Developments During the War." *West Virginia Engineer* 10 (1948).

(joint author) "Effects of Cerium Oxide on the Spectral Transmission of Some Experimental Glasses." *Journal of the American Ceramic Society* 31 (1948), 321-322.

COLLEGE OF ENGINEERING

"The Teaching of Electrochemistry." *Journal of the Electrochemical Society* 94 (1948), 76N.

(joint author) "Study of Adherence of Molten Glass to Heated Metals." *Journal of the American Ceramic Society* 32 (1949), 305-308.

"The Work of the Engineering Experiment Station." *West Virginia Engineer* 11 (1949), 10-11.

(joint author) "A Study of the Effect of Lubricants on the Adherence of Molten Glass to Heated Metals." *Journal of the American Ceramic Society* 33 (1950), 267-273.

(joint author) "Investigation of the Adherence of Glass to Metals and Alloys." *Journal of the American Ceramic Society* 34 (1951), 357-360.

"Research and Education." *West Virginia Engineer* 14 (1952), 6.

(joint author) "Drainage from Bituminous Coal Mines." *West Virginia Engineer* 15 (1953), 16-18.

(joint author) "Blending and Conveying of Ceramic Raw Materials by Fluidization." *Journal of the American Ceramic Society* 32 (1953), 367-372.

"Fundamentals of Corrosion." WVU Engineering Experiment Station *Technical Bulletin* 45 (1956), 5-23; 48 (1957), 5-27.

(joint author) "Rate of the Steam-Carbon Reaction by a Falling-Particle Method." *Industrial and Engineering Chemistry* 49 (1957), 148-154.

"Corrosion: What Causes it and How it Happens." *American Gas Journal* 188 (1958), No. 3, 24-26; No. 4, 24-26; No. 5, 22-25.

(joint author) "The Effect of Magnesium Salts on Nickel Plating Baths." *Journal of the Electrochemical Society* 106 (1959), 394-403.

Simons, Howard P.

MONOGRAPHS

(joint author) *Simplified Procedure for Nomograph Construction*. WVU Engineering Experiment Station *Technical Bulletin* 34, 1952, 32pp.

(joint author) *Ammonia Absorption in Beds of Saddles*. WVU Engineering Experiment Station *Research Bulletin* 26, 1953, 27pp.

(joint author) *The Fluidized Grain Conveyor*. WVAES *Bulletin* 364, 1953, 19pp.

(joint author) *The Moving Bed Coke Filter*. U.S. Bureau of Mines *Report of Investigations* 5033, 1954, 8pp.

ARTICLES

(joint author) "Pneumatic Feeder for Finely Divided Solids." *Chemical Engineering* 56 (1949), 108.

(joint author) "New Method Measures the Solid: Gas Ratio in High Solid Flow." *Chemical Engineering* 56 (1949), 129.

(joint author) "Application of Fluidization to Conveying Grain." *Agricultural Engineering* 31 (1950), 349.

(joint author) "Pressure-Feeder for Powdered Coal or Other Finely Divided Solids." *Industrial and Engineering Chemistry* 43 (1951), 1204.

(joint author) "Pressure Drop in the Flow of Dense Coal-Air Mixtures." *Industrial and Engineering Chemistry* 43 (1951), 1837.

(joint author) "The Moving Bed Coke Filter." *Industrial and Engineering Chemistry* 46 (1954), 1157.

(joint author) "Drying Rates in Infrared Drying of Clay." *Journal of the American Ceramic Society* 38 (1955), 383-388.

(joint author) "Explosive Reaction of Diborane in Dry and Water-Saturated Air." *Industrial and Engineering Chemistry* 50 (1958), 1695-1699.

(joint author) "Explosive Reactions of Diborane in Benzene-Saturated Air." *Industrial and Engineering Chemistry* 50 (1958), 1699-1702.

(joint author) "Flow Characteristics in Horizontal Fluidized Solids Transport." *A.I.Ch.E. Journal* 5 (1959), 263-267.

Wen, Chin-Yung

MONOGRAPHS

(joint author) *Ammonia Absorption in Beds of Saddles*. WVU Engineering Experiment Station *Research Bulletin* 26, 1953, 27pp.

ARTICLES

(joint author) "Absorption and Humidification." *Industrial and Engineering Chemistry* 47 (1955), 505-507; 48 (1956), 468-471; 49 (1957), 457-459; 50 (1958), 421-423; 51 (1959), 337-339; 52 (1960), 340-342; 53 (1961), 415-417.

(joint author) "Fluidized Bed Heat Transfer: A Generalized Dense

Phase
nal 2
(joint au
de fluid
granula
(1956),
(joint au
Heat
Chemic
254-257.
(joint au
Packed
ing 64
(joint au
in Hori
port."
263-267.
(joint au
Transfe
A.I.Ch.
(joint au
Particl
ized F
(1960).
(joint au
Semiflu
System
482.
(joint au
Solids-C
trial o
(1961).

CI

Baker,

Elements
York:

C
(joint au
neering
Engine
Pitmar

"Improve
Equip
ping C
neer 1
"Flying
ping."
4 (195

Burchi:

(joint a
and It
tin 45-

CIVIL ENGINEERING

e Moving Bed Coke
au of Mines Report
5033, 1954, 8pp.

ICLES

neumatic Feeder for
Solids." Chemical
(1949), 108.
w Method Measures
Ratio in High Solid
Engineering 56

pplication of Fluid-
rying Grain." Agri-
ring 31 (1950), 349.
Pressure-Feeder for
or Other Finely
Industrial and En-
stry 43 (1951), 1204.
Pressure Drop in the
Coal-Air Mixtures."
Engineering Chem-
1837.

e Moving Bed Coke
al and Engineering
(1954), 1157.
rying Rates in In-
t Clay." Journal of
Ceramic Society 38

xplosive Reaction of
and Water-Satura-
rial and Engineer-
0 (1958), 1695-1699.
xplosive Reactions of
zene-Saturated Air."
Engineering Chem-
1699-1702.

low Characteristics
idized Solids Trans-
Journal 5 (1959),

G

GRAPHS

monia Absorption
es. WVU Engineer-
Station Research
3, 27pp.

ICLES

"Absorption and
Industrial and En-
stry 47 (1955), 505-
468-471; 49 (1957,
1958), 421-423; 51
52 (1960), 340-342;
47.

fluidized Bed Heat
Generalized Dense

Phase Correlation." A.I.Ch.E. Jour-
nal 2 (1956), 482-488.

(joint author) "La prevision du debut
de fluidisation dans les lits solides
granulaires." *Genie Chimique 75*
(1956), 33-42.

(joint author) "Calculate Fluidized
Heat Transfer by Nomograph."
Chemical Engineering 64 (1957),
254-257.

(joint author) "Liquid-Liquid Flow in
Packed Towers." *Chemical Engineer-*
ing 64 (1957), 267-271.

(joint author) "Flow Characteristics
in Horizontal Fluidized Solids Trans-

port." *A.I.Ch.E. Journal 5 (1959),*
263-267.

(joint author) "Semifluidization-Mass
Transfer in Semifluidized Beds."
A.I.Ch.E. Journal 5 (1959), 407.

(joint author) "Elutriation of Solid
Particles From a Dense-Phase Fluid-

ized Bed." *A.I.Ch.E. Journal 6*
(1960), 220.

(joint author) "Mass Transfer in
Semifluidized Beds for Solid-Liquid
System." *A.I.Ch.E. Journal 6 (1960),*
482.

(joint author) "Heat Transfer in
Solids-Gas Transport Lines." *Indus-*
trial and Engineering Chemistry 53
(1961), 51.

CIVIL ENGINEERING

Baker, Wilfred H.

BOOKS

Elements of Photogrammetry. New
York: Ronald Press, 1960, 194pp.

CHAPTERS AND SECTIONS

(joint author) "Chapter 13." In *Engi-*
neering Materials, Committee on
Engineering Materials. New York:
Pitman, 1958.

ARTICLES

"Improvements at Camp Morris and
Equipment for Surveying and Map-

ping Courses." *West Virginia Engi-*
neer 13, 4 (1951), 7.
"Flying for Aerial Photographic Map-

ping." *West Virginia Engineer 17,*
4 (1955), 23.

Burchinal, Jerry Cameron

MONOGRAPHS

(joint author) *Rainfall Probability*
and Its Applications. WVAES Bulle-
tin 454T, 1961, 26pp.

Moh, Za Lee

ARTICLES

(joint author) "An Investigation of
Fatigue Failures in Structural Mem-
bers of Ore Bridges Under Service
Loadings." *American Railway Engi-*
neering Association Bulletin 524
(1955).

(joint author) "Forced Vibration and
Natural Frequencies of Tall Building
Frames." *Bulletin of the Seismolog-*
ical Society of America 49 (1959),
33-47.

(joint author) "Truss Deflections by
Electronic Computation Using an
Analytic Solution of the Williot-
Mohr Diagram." *National Research*
Council. Highway Research Board.
Bulletin No. 315.

Sami, Sabri

ARTICLES

"Shallow Separate Column Founda-
tion." *Egyptian Society of Civil En-*
gineers (1945).

(joint author) "The Flexural and
Shear Strength of Reinforced Con-
crete Box Culverts." *University of*
Illinois. Civil Engineering Studies,
Structural Research Series 72
(1954).

"The Use of Electronic Computations
in the Analysis of Continuous Girder
and Rigid Frame Bridges with Vari-
able Moment of Inertia." Conference
on Electronic Computations, *Con-*
ference Papers, Structural Division
ASCE (November, 1958), 305-336.
"The Continuous Girder Bridge with
Variable Moment of Inertia." *Pro-*
ceedings of the American Society of
Civil Engineers, Structural Division
86, ST 1 (1960).

Schaub, James H.

MONOGRAPHS

(joint author) *Triaxial Testing of*
Bituminous Mixtures. American So-
ciety for Testing Materials *Special*
Technical Publication 252, 1959.

ARTICLES

"Soils Exploration and Design Con-
siderations for the Greater New
Orleans Expressway; I. Exploration
and Testing." *Proceedings of the*
Highway Research Board (1956),
725-736.

COLLEGE OF ENGINEERING

ELECTRICAL ENGINEERING

MECHANICAL ENGINEERING

Kreer, John B.

ARTICLES

"Transient Response of a Servomechanism with Backlash." *Proceedings of the National Electronics Conference* 14 (1958), 75-85.

INDUSTRIAL ENGINEERING

Armstrong, William H.

BOOKS

Mechanical Inspection. New York: McGraw Hill, 1953, 361pp.

Machine Tools for Metal Cutting. New York: McGraw-Hill, 1957, 347pp.

Fowler, Robert D.

ARTICLES

"The Industrial Engineering Curriculum Today." *Journal of Engineering Education* 51 (1961), 668-672.

Anderson, James T.

MONOGRAPHS

(joint author) *Greater Economy and Comfort in Heating Michigan Homes.* *Michigan State University Extension Bulletin* 263, 1949, 47pp.

Computer Solution of Complex Transient Heat Transfer Problems. WVU Engineering Experiment Station *Technical Bulletin* 62, 1961, 12pp.

ARTICLES

(joint author) "Convection from an Isolated Heated Horizontal Cylinder Rotating About Its Axis." *Proceedings of the Royal Society. Series A.* 217 (1953), 555-562.

Arents, Chester A.

MANUALS

Economic Thickness of Insulation for Flat Surfaces and Pipes. WVU Engineering Experiment Station, 1960, 177pp.

ARTICLES

(joint author) "How Much Insulation for Pipes and Flat Surfaces." *Air Conditioning, Heating and Ventilating* 58, 5 (1961), 65-80.

SCHOOL OF JOURNALISM

Atkins, Paul Alexander

ARTICLES

- "Ink on Their Fingers." *West Virginia School Journal* 83, 3 (1954), 11, 29.
(joint author) "Good Photo-journalists are Made." *Impressions* 5 (1955), 12-13.

Bond, Donovan H.

BOOKS

- A Half-Century of Nursing in West Virginia*. Charleston, W. Va.: Jarrett Printing Co., 1957, 167pp.

CHAPTERS AND SECTIONS

- "West Virginia." *Britannica Book of the Year 1958*, 745-746.
"Principal Events, West Virginia." *Americana Annual 1958*, 829-831.
"West Virginia." *Britannica Book of the Year 1959*, 746-748.
"Principal Events, West Virginia." *Americana Annual 1959*, 826-828.
"West Virginia." *Britannica Book of the Year 1960*, 746-747.
"Principal Events, West Virginia." *Americana Annual 1960*, 832-833.
"West Virginia." *Britannica Book of the Year 1961*, 747-748.
"Principal Events, West Virginia." *Americana Annual 1961*, 823-825.

ARTICLES

- "How the Wheeling Intelligencer Became a Republican Organ." *West Virginia History* 11, 3 (1950), 160-184.

BOOK REVIEWS

- Charles C. Clayton, *Newspaper Reporting Today*. In *Journalism Quarterly* 24, (1947), 157.

Fisher, Francis P.

EDITORSHIPS

- Rate Book and Directory of West Virginia Newspapers*. (with county marketing data). 1955.
The Bulletin of the West Virginia Press Association. 1954.

Wilson, Quintus C.

ARTICLES

- "Confederate Press Association: A Pioneer News Agency." *Journalism Quarterly* 26 (1949), 160.

- "Review of History of A.N.P.A. by Edwin Emery." *Western Political Quarterly* 3 (1950), 491.

- "Quintus Wilson Writes on Journalism School's Job." *Editor and Publisher* (March 1, 1952), 50.

- "Hospital-Press Codes Keep Public Informed." *Editor and Publisher* (April 19, 1952), 88.

- "Utah is Example of What Universities Can Do for High School Journalism." *Bulletin of the American Society of Journalism School Administrators* 10 (1954), 6-7.

- "What Japan Reads About America." *Nieman Reports* (October, 1955), 22.

- "Joseph A. Wheelock, Pioneer Statistician." *Minnesota History* 36 (1955), 330-336.

- "Nippon Times Informs Americans About Japan, and Japanese of U.S." *Quill* 44 (1956), 403.

- "The Press Law and Licensing in Iran." *IPI Report*, International Press Institute 6, 5 (1957), 7.

- "Press Freedom Gains in Afghanistan." *IPI Report* 7 (November, 1959), 6.

- "Afghanistan Editor Tries Innovations." *Editor and Publisher* (September 12, 1959), 32.

BOOK REVIEWS

- A Review of Highlights in the History of the American Press*, Edwin H. Ford and Edwin Emery (Eds.) In *Minnesota History* 34 (1954), 83.

Young, James R.

BOOKS

- Publication Laws of New Jersey, 1938-53*. New Brunswick, N. J.: New Jersey Press Association, 1954, 297pp.

MONOGRAPHS

- Public Records in New Jersey: Old and New Problems Affecting Access*. New Brunswick, N. J.: Study No. 9, Press Research Service, Rutgers University School of Journalism, 1955, 14pp.

ARTICLES

- "Understanding Radio News: The Effect of Style." *Journalism Quarterly* 26 (1950), 19-23.

- "The Element of Danger in the Destruction of Public Records." *Jersey Publisher* 22, 9 (1954), 8.

COLLEGE OF LAW

Brown, Londo H.

ARTICLES

- "Liability for Torts of Independent Contractors in West Virginia." *West Virginia Law Review* 55 (1953), 216-232.
- "Covenants in Leases in West Virginia." *West Virginia Law Review* 57 (1955), 1-32; 152-192.
- "West Virginia Habitual Criminal Law." *West Virginia Law Review* 59 (1956), 30-55.
- "West Virginia Indeterminate Sentence and Parole Laws." *West Virginia Law Review* 59 (1957), 143-179.

BOOK REVIEWS

- Charles S. Rhyne, *The Law of Municipal Contracts with Annotated Model Forms*. In *West Virginia Law Review* 55 (1952), 80-81.

Colson, Clyde L.

ARTICLES

- "Taxation and School Support in West Virginia." *West Virginia Law Review* 50 (1946), 1-16.
- "Some Elementary Principles of Constitutional Law." *West Virginia Law Review* 53 (1950), 117-141.
- "Limits of Title Search Under the West Virginia Recording Act." *West Virginia Law Review* 56 (1954), 20-38.
- "Twenty Years of West Virginia Marriage and Divorce Law." *West Virginia Law Review* 58 (1956), 128-143.

Lorensen, Willard D.

ARTICLES

- "Aggravated Assaults in West Virginia." *West Virginia Law Review* 63 (1960), 319-338.

Lugar, Marlyn E.

BOOKS

- (joint author) *West Virginia Rules of Civil Procedure*. Charlottesville, Va.: Michie Company, 1960, 620pp.

ARTICLES

- "Negotiation, Mediation and Especially Arbitration in Labor Disputes." *West Virginia Law Quarterly* 51 (1949), 201-226.
- "Common Law Pleading Modified Versus the Federal Rules." *West*

Virginia Law Review 52 (1950), 137-207; 53 (1950), 27-64; 142-169; (1951), 195-280.

"Applicability of Instructions to the Evidence." *West Virginia Law Review* 54 (1952), 268-286.

"Criminal Law, Double Jeopardy and Res Judicata." *Iowa Law Review* 39 (1954), 317-347.

BOOK REVIEWS

- Festus P. Summers, *The Cabinet Diary of William L. Wilson*. In *West Virginia Law Review* 60 (1957), 119-121.

Morris, William O.

ARTICLES

- (joint author) "The Effect of a Stop Payment Order on a Certified Check." *Wyoming Law Review* 5 (1952).

"The Effect of a Stop Payment Order on a Certified Check." *Banking Law Journal* 69 (1952), 241-251.

"Acts of the Illinois Legislature in 1953." *Illinois Business Review* 12 (December, 1953), 8.

"Accommodation Parties to Negotiable Instruments." *West Virginia Law Review* 61 (1959), 83-97.

"Accommodation Parties to Negotiable Instruments." *Banking Law Journal* 76 (1959), 277-294.

"The Importance of Promptly Presenting Checks for Payment." *West Virginia Law Review* 61 (1959), 191-201.

"The Importance of Promptly Presenting Checks for Payment." *Banking Law Journal* 76 (1959), 461-473.

"The Importance of Promptly Presenting Checks for Payment." *Law Review Digest* 9 (1959), 12-21.

"The Use of Set-Off, Counterclaim and Recoupment: Availability Against Commercial Paper." *West Virginia Law Review* 62 (1959), 141-162.

"Some Problems Relating to Adoptions in West Virginia and Recommended Changes." *West Virginia Law Review* 63 (1960), 12-24.

"The Leading Purpose Doctrine as Applied to the Statute of Frauds." *West Virginia Law Review* 62 (1960), 339-351.

"The Use of Set-Off, Counterclaim and Recoupment Availability Against Commercial Paper." *Banking Law Journal* 77 (1960), 93-117.

LIBRARY

Fry, Alderson

ARTICLES

"Plan and Equipment of the Health Sciences Library, University of Washington, Seattle." *Bulletin of the Medical Library Association* 41 (1953), 24-31.

"Problems in Establishing a Dental Library." *Bulletin of the Medical Library Association* 44 (1956), 30-33.

"Medical Library Architecture in the Past Fifty Years." *Bulletin of the Medical Library Association* 45 (1957), 471-479.

(joint author) "Planning a Better Medical School Library: Panel Discussion." *Bulletin of the Medical Library Association* 49 (1961), 187-206.

Ham, F. Gerald

ARTICLES

"Central Kentucky Broadside and Newspapers, 1793-1846, in the John M. McCalla Papers, West Virginia University Library." *Register of the Kentucky Historical Society* 58 (1960), 322-352; 59 (1961), 47-78.

Munn, Robert F.

BOOKS

Index to West Virginia. Charleston: Education Foundation, 1960, 154pp.

EDITORSHIPS

West Virginia Libraries, 1957-

ARTICLES

"Division of the Collection Between the Medical and General University Library." *Bulletin of the Medical Library Association* 44 (1956), 99-109.

"Foreign Language and Scientific Research." *Modern Language Journal*, 40 (1956), 356-357.

"The University Library and the Schools." *Library Journal* 86 (1961), 1089-1091.

BOOK REVIEWS

P. H. Sewall, *Five Years' Work in Librarianship*. In *Library Quarterly* 28 (1958), 205-206.

Jurgen Busch, *Kleine Beitrage aus der bibliothekarischen Arbeit* Wilhelm Schuster. In *Library Quarterly* 30 (1960), 153-154.

J. M. Price, *Reading for Life*. In *Library Quarterly* 30 (1960), 232-233.

Acta bibliothecaria. In *Library Quarterly* 31 (1961), 199-200.

Shetler, Charles

BOOKS

(joint author) *West Virginia Imprints, 1790-1863; a Checklist of Books, Newspapers, Periodicals and Broadside*. Moundsville, W. Va.: West Virginia Library Association, 1958, 316pp. (Publication No. 1 of the West Virginia Library Association.)

Guide to Manuscripts and Archives in the West Virginia Collection. WVU Library, 1958 [i.e. 1959], 160pp.

Guide to the Study of West Virginia History. WVU Library, 1960, 151pp.

CHAPTERS AND SECTIONS

"West Virginia." In *Collier's Encyclopedia* 19, 1956, 441-447.

"West Virginia." In *National Encyclopedia*, 1954.

ARTICLES

"James O'Hara's Landholdings in Allegheny County." *Western Pennsylvania Historical Magazine* 34 (1951), 23-33.

"Report of the Indexing, and Bibliographical Work on State Materials at West Virginia University." *West Virginia History* 18 (1957), 264-266.

"Research in the West Virginia Collection, West Virginia University Library." *National Genealogical Society Quarterly* 49 (1961), 3-13.

Stemple, Ruth M.

ARTICLES

"Margaret Prescott Montague, 1878-1955: A Check List." *Bulletin of Bibliography* 22 (1957), 62-64.

"Rebecca Harding Davis, 1831-1910: A Check List." *Bulletin of Bibliography* 22 (1957), 83-85.

"Kenneth Roberts: A Supplementary Check List." *Bulletin of Bibliography* 22 (1959), 228-230.

SCHOOL OF MEDICINE

BIOCHEMISTRY

Burke, William T.

ARTICLES

- (joint author) "Amino Acid Metabolism in the Isolated Perfused Livers of Normal, Precancerous and Cirrhotic Rats." (Abstract) *Federation Proceedings* 14 (1955), 187.
- (joint author) "Amino Acid Metabolism in the Isolated Perfused Rat Liver Studied with the Aid of Lysine-6-C¹⁴." *Proceedings of the First International Conference on the Peaceful Uses of Atomic Energy* 10 (1955), 492-495.
- (joint author) "Biochemical Changes During Experimental Carcinogenesis. I. Amino Acid Metabolism in Perfused Livers of Rats with Cirrhosis and Azo-dye Fed Rats." *Cancer Research* 16 (1956), 330-337.
- (joint author) "The Role of Glutamine in Urea Production and Protein Synthesis in Normal and 3' Me DAB Fed Rats." (Abstract) *Federation Proceedings* 15 (1956), 227.
- (joint author) "Urea Synthesis During Azo-dye Carcinogenesis as Studied with the Isolated, Perfused Rat Liver." (Abstract) *Federation Proceedings* 16 (1957), 161.
- (joint author) "Biochemical Changes During Carcinogenesis. II. The Metabolism of Glutamine and Glutamic Acid in the Perfused Liver of Azo-dye Fed Rats." *Cancer Research* 19 (1959), 148-154.
- (joint author) "III. The Production of Urea from Aspartic Acid, Arginine or Ammonia in the Perfused Rat Liver." *Cancer Research* 19 (1959), 622-626.
- (joint author) "IV. Protein Synthesis and Urea Production in Perfused Livers of Rats Fed 2-Acetylaminofluorene." *Cancer Research* 20 (1960), 658-660.
- "Amino Acids as Nitrogen Sources for Urea Synthesis in Normal and Precancerous Rat Livers." (Abstract) *Federation Proceedings* 18, 1 (1959), 200.
- "Urea Synthesis in the Regenerating Rat Liver." (Abstract) *Federation Proceedings* 18, 1 (1959), 471.
- "Urea Synthesis in the Isolated Perfused Rat Liver." *Biochemical and Biophysical Research Communications* 3 (1960), 525-530.

Canady, William J.

ARTICLES

- (joint author) "Methods for the Identification and Determination of Quinones." (Abstract) *Federation Proceedings* 13 (1954), 453.
- "The Determination of Menadione and Methods for the Identification of Quinones." *Journal of Biological Chemistry* 220 (1956), 563.
- "Studies of the Reaction and Menadione with Blood and Denatured Proteins." *Journal of Biological Chemistry* 220 (1956), 57.
- "The Heat of Neutralization of Strong Acids and Bases in Highly Dilute Aqueous Solutions." *Canadian Journal of Chemistry* 34 (1956), 1677.
- "Comparison of Effective Ionic Radii in Solution." *Canadian Journal of Chemistry* 35 (1957), 1073.
- "Correlation of O-H Stretching Frequencies with pK Values for Some Phenols." *Canadian Journal of Chemistry* 35 (1957), 1555.
- "Microcalorimetric Studies of Heats of Neutralization and Ionization of Some Weak Acids in Highly Dilute Aqueous Solutions." *Transactions of the Faraday Society* 54 (1958), 502.
- "Microcalorimetric and Kinetic Studies of the Alpha-Chymotrypsin-Hydrocinnamic Ester — Hydrocinnamic Acid System." *Canadian Journal of Chemistry* 36 (1958), 1289.
- "Thermodynamics of Ionization Processes in Aqueous Solution Part III—Methyl Substituted Phenols." *Transactions of the Faraday Society* 55 (1959), 1734.
- "Thermodynamics of Ionization Processes in Aqueous Solution Part IV—Methyl-Substituted Anilines." *Transactions of the Faraday Society* 55 (1959), 1738.
- "Fundamental Mechanisms of Enzyme Action and Their Importance to Medical Technologist." *American Journal of Medical Technology* 26 (1960), 203.
- "O-H Stretching Frequencies for Some Phenols and Their Relationships to the Thermodynamics of Ionization." *Canadian Journal of Chemistry* 38 (1960), 1018.
- (joint author) "Ionic Strength Effects on the Kinetics of Alpha-Chymotrypsin Catalyzed Hydrolysis of Hip-

BIOCHEMISTRY

puric Acid Esters." (Abstract) *Federation Proceedings* 20, Pt. 1 (1961), 231.

Gangloff, E. C.

ARTICLES

"Citric Acid Cycle Patterns in Certain Thyroid States." *Journal of Biological Chemistry* 235 (1960), 1900.

Krause, Reginald F.

CHAPTERS AND SECTIONS

- "Laboratory Aids in the Diagnosis of Malnutrition." In *Modern Nutrition in Health and Disease*, M. G. Wohl and R. S. Goodhart, Philadelphia: Lea and Febiger, 1958, 473-504.
- "Nutritive Deficiency, General." In *Current Therapy*, H. F. Conn (Ed.), Philadelphia: W. B. Saunders, 1960, 315.
- "Vitamin A Deficiency." In *Current Therapy*, H. F. Conn (Ed.), Philadelphia: W. B. Saunders, 1960, 308-325.

ARTICLES

- (joint author) "Nutritional Status of Burlington, Vermont, Children." (Abstract) *Federation Proceedings* 6, (1947), 418.
- "Blood Levels and Absorption of Vitamin A in Children with Keratosis Follicularis." *Journal of Nutrition* 33 (1947), 633-636.
- (joint author) "The Effect of Vitamin Therapy Upon Serum Blood Levels." *Federation Proceedings* 7 (1948), 296.
- "The Extrahepatic Conversion of Carotene to Vitamin A." *Archives of Biochemistry and Biophysics* 19 (1948), 145-149.
- "Paradoxical Relationship Between Serum Level and Liver Content of Vitamin A." *Journal of Nutrition* 38 (1949), 535-542.
- "Paradoxical Relationship Between Serum Level and Liver Content of Vitamin A." (Abstract) *Federation Proceedings* 8 (1949), 388.
- "The Hydrolysis of Vitamin A Ester." *Archives of Biochemistry* 25 (1940), 396-400.
- "Relationships Between Intake and Serum Levels of Ascorbic Acid, Vitamin A, and Carotene of Selected Groups of Children with Physical Signs of Vitamin Deficiencies."

Journal of Nutrition 46 (1952), 445-458.

"Vitamin A Distribution in the Rat Liver Cell." *Archives of Biochemistry and Biophysics* 44 (1953), 102-106.

"The In Vitro Hydrolysis and Esterification of Vitamin A." *Archives of Biochemistry and Biophysics* 44 (1953), 57-62.

"Conversion of C¹⁴ Carotene to a Non-Saponifiable Substance or Substances in the Rat." *Proceedings of the Society for Experimental Biology and Medicine* 85 (1954), 317-320.

"Purification of Milligram Quantities of Vitamin A." *Archives of Biochemistry and Biophysics* 57 (1955), 306-311.

"Increased Production of Carotene by Mixed + and - Cultures of *Chenopodium Cucurbitarum*." *Science* 123 (1956), 141-146.

"The Distribution of Vitamin A Cells of Normal and Pathologic Human Livers." *American Journal of Clinical Nutrition* 4 (1956), 68-70.

"Provitamin A Activity of B-Carotene-Free Non-Saponifiable Material from Alfalfa." (Abstract) *Federation Proceedings* 15 (1956), 293.

"A Biochemical Consideration of Schizophrenia." *West Virginia Medical Journal* 52 (1956), 106-108.

"The Uptake of C¹⁴ by Vitamin A in Rats." *Archives of Biochemistry and Biophysics* 62 (1956), 506-508.

"Metabolism of C¹⁴ Labeled B-Carotene in the Rat." *Proceedings of the Society for Experimental Biology and Medicine* 95 (1957), 549-552.

"Vitamin A-Choline Interrelationship." *Proceedings of the Society for Experimental Biology and Medicine* 95 (1957), 574-577.

"The Biochemistry of Magnesium as Related to Clinical Medicine." *West Virginia Medical Journal* 54 (1958), 191-193.

"Serum Cholesterol Determinations as Affected by Vitamin A." *Proceedings of the Society for Experimental Biology and Medicine* 99 (1958), 244-246.

"Glycogen Content in Normal and Hypertrophied Rat Heart." *Proceedings of the Society for Experimental Biology and Medicine* 99 (1958), 438-440.

"The Degradation of Labeled B-Carotene." *Journal of Biological Chemistry* 234 (1959), 3109-3110.

SCHOOL OF MEDICINE

- "Influence of Vitamin A on Cholesterol Blood Levels." *Proceedings of the Society for Experimental Biology and Medicine* 102 (1959), 353-356. (joint author) "Creatine, Creatinine and Creatine Phosphate in Heart Hypertrophy." (Abstract) *Federation Proceedings* 19 (1960), 110.
- "A Definition of Units Used in Measuring Body Electrolyte Composition." *West Virginia Medical Journal* 57, 5 (1961), 166-167.

Lotspeich, Frederick J.

ARTICLES

- "The Preparation of Nitro Compounds from Oximes." *Journal of the American Chemical Society* 75 (1953), 4044-4046.
- "Freidel-Crafts Condensations of Benzenesulfonyl Chloride with Thiophenes." *Journal of the American Chemical Society* 77 (1955), 3410.
- "The Preparation and Properties of 3-Benzothiepin 3-Dioxide." *Journal of the American Chemical Society* 78 (1956), 848-850.
- "A Method of Obtaining Pure Radioactive Beta-Carotene Using *Phycomyces blakesleeanus*." *Mycologia* 50 (1958), 862-873.
- "The Degradation of Labeled Beta-Carotene." *Journal of Biological Chemistry* 234 (1959), 3109-3110.
- "The Degradation of Labeled Beta-Carotene." (Abstract) *Federation Proceedings* 20 (1961), 269.

Nelson, George H.

ARTICLES

- "Catalase Activity and Ethanol Metabolism in the Rat." *Proceedings of the Society for Experimental Biology and Medicine* 92 (1956), 772-773.
- "Effect of Aminotriazole on Alcohol Metabolism and Hepatic Enzyme Activities in Several Species." *Quarterly Journal of Studies on Alcohol* 18 (1957), 343-348.
- "Rate of Metabolism of Ethanol in the Mouse." *American Journal of Physiology* 190 (1957), 169-171.
- "Ethanol Metabolism in Vitamin Deficiencies. I. Niacin." *Proceedings of the Society for Experimental Biology and Medicine* 96 (1957), 5-7.
- "Ethanol Protection Against Catalase-Depressing Effect of 3 Amino-1,

2-4-Triazole." *Science* 127 (1958), 520-521.

"Correlation of Rf Values and Distribution Coefficients in Amino Acid Paper Chromatography." *Proceedings of the Society for Experimental Biology and Medicine* 97 (1958), 210-212.

"Effect of Rate of Intravenous Injection on the Metabolism of Alcohol in the Dog." *Quarterly Journal of Studies on Alcohol* 20 (1959), 1-4.

"Effect of Starvation on Alcohol Metabolism and Hepatic Enzyme Activities in Dogs." *Quarterly Journal of Studies on Alcohol* 21 (1960), 203-207.

Shelton, Damon C.

ARTICLES

- "The Amino Acid Requirements of Swine: I. Tryptophan." *Science* 106 (1948), 599-600.
- "Effect of Tryptophan Deficiency on the Pig." *Journal of Animal Science* 8 (1949), 532-540.
- "The Amino Acid Requirements of Swine, Lysine." *Journal of Animal Science* 8 (1949), 524-531.
- "Effect of Different Levels of Hexahomoserine on Growth and Hematopoiesis in Rats." *Proceedings of the Society for Experimental Biology and Medicine* 73 (1950), 75-77.
- "Growth of Weanling Pigs on a Diet Containing Ten Purified Amino Acids." *Archives of Biochemistry* 29 (1950), 446-447.
- "Quantitative L-Lysine Requirement of the Weanling Pig." *Archives of Biochemistry* 30 (1951), 1-5.
- "Quantitative DL-Tryptophan Requirement of the Weanling Pig." *Journal of Animal Science* 10 (1951), 73-79.
- "The Effect of Methionine and Cystine on the Growth of Weanling Pigs." *Journal of Animal Science* 10 (1951), 57-64.
- "Enlarged Joint Condition in Poultry Caused by an Infectious Agent." *Proceedings of the West Virginia Feed Dealers Short Course*, Morgantown, W. Va., April 19, 1954.
- "Studies of Infectious Synovitis in Chicks." *American Journal of Veterinary Research* 17 (1956), 747-754.
- "Control of Infectious Synovitis. I. Continuous Feeding of Antibiotics and the Influence of Diethylstilbes-

GROSS AND NEUROLOGICAL ANATOMY

ence 127 (1958).

Values and Dis-
ants in Amino Acid
graphy." *Proceed-*
ing for Experimental
icine 97 (1953),

Intravenous Injec-
bolism of Alcohol
terly Journal of
ol 20 (1959), 1-4.
on on Alcohol Me-
patie Enzyme Ac-
Quarterly Journal
cohol 21 (1960),

C.

LES

Requirements of
phan." *Science* 106

an Deficiency on
of *Animal Science*

Requirements of
Journal of Animal
524-531.

t Levels of Hexa-
rowth and Hemato-
Proceedings of the
erimental Biology
(1950), 75-77.

g Pigs on a Diet
Purified Amino
of *Biochemistry*

ne Requirement of
" *Archives of Bio-*
1), 1-5.

ryptophan Require-
ling Pig." *Journal*
e 10 (1951), 73-79.
ionine and Cystine
f Weanling Pigs."
mal Science 10

adition in Poultry
nfectious Agent."
he West Virginia
t Course, Morgan-
il 19, 1954.

ous Synovitis in
Journal of Vet-
17 (1956), 747-754.
ous Synovitis. 1.
ng of Antibiotics
of Diethylstilbes-

terol and Coccidiostats." *Poultry*
Science 36 (1957), 113-121.

(joint author) "Infectious Synovitis
Control. II. A Comparison of Levels
of Antibiotics." *American Journal of*
Veterinary Research 18 (1957), 200-
203.

(joint author) "Control of Infectious
Synovitis. 3. The Efficacy of Chlor-
tetracycline with Relation to Time
of Experimental Infection." *Poultry*
Science 36 (1957), 1016-1022.

(joint author) "Control of Infectious
Synovitis. 4. Antibiotics and Nitro-
furans." *Poultry Science* 37 (1958),
610-614.

"Control of Infectious Synovitis. 5.
Continuous and Intermittent Feed-
ing of Chlortetracycline and Fura-
zolidone." *Poultry Science* 38 (1959),
575-579.

(joint author) "Control of Infectious
Synovitis in Chickens. VI. Chlor-
tetracycline in Field Experiments." *Journal of the American Veterinary*
Medical Association, 132 (1958), 477-
482.

(joint author) "Control of Infectious
Synovitis. 7. Comparison of Tetra-
cycline Antibiotics." *Poultry Science*
38 (1959), 1309-1315.

(joint author) "Control of Infectious
Synovitis. 8. Degree of Infection as
Influenced by Medication with Fur-
azolidone and Chlortetracycline." *Avian Diseases* 3 (1959), 312-321.

(joint author) "Control of Infectious
Synovitis. IX. The Efficacy of Di-
hydrostreptomycin Sulfate as Re-
lated to the Time of Experimental
Infection." *Antibiotics Annual* (1957-
1958), 272-278.

"Preliminary Blood Studies in Chick-
ens with a Synovitis Caused by
the Infectious Synovitis Agent,
Pleuropneumonia-like Organism and
a Combination of the Two Agents." *Avian Diseases* 1 (1957), 82-91.

"Infectious Synovitis Control by Medi-
cation—Effect of Strain Differences
and Pleuropneumonia-like Organ-
isms." *American Journal of Veter-*
inary Research 18 (1957), 735-739.

"Therapeutic and Prophylactic Use of
Nitrofurans and Antibiotics in
Avian Infectious Synovitis. *Proceed-*
ings of the 2nd National Symposium
on Nitrofurans in Agriculture
(1958), 70-74.

"Infectious Synovitis Control. 10.
Chlortetracycline in Chicks Inocu-
lated at One Day of Age." *Proceed-*

ings of the U. S. Livestock Sanitary
Association 62 (1958), 201-209.

"Control of Infectious Synovitis. XI.
The Potentiating Effect of Tereph-
thalic Acid on Chlortetracycline." *Avian Diseases* 2 (1958), 450-455.

"Serum Proteins of Chicks with Infec-
tious and Mycoplasma Synovitis." *Poultry Science* 39 (1960), 112-117.

(joint author) "Bacterial Utilization
of Peptides." (Abstract) *Federation*
Proceedings 16 (1957), 227.

"Control of Chronic Respiratory Dis-
ease. I. The Effects of Chlortetra-
cycline (CTC) and Terephthalic
Acid (TPA)." *Avian Diseases* 3
(1959), 443-451.

"Effect of Magnesium and Calcium
Upon the Efficacy of Antibiotics
In Poultry." *Proceedings of the Sym-*
posium in Magnesium and Agricul-
ture, WVU (1959), 124-128.

"Measuring the Nutritive Value of
Forages Using *in vitro* Rumen Tech-
niques." *8th International Grassland*
Congress, Reading, England (1960),
524-528.

"Control of Chronic Respiratory Dis-
ease. II. The Effect of Low Calcium
Diet, Terephthalic Acid and Chlor-
tetracycline." *Avian Diseases* 4
(1960), 413-418.

"Control of Chronic Respiratory Dis-
ease. III. Isolation of Mycoplasma
as Influenced by Potentiated Chlor-
tetracycline and Time Interval after
Exposure." *Avian Diseases* 4 (1960),
419-428.

GROSS AND NEUROLOGICAL ANATOMY

Boyer, Charles C.

ARTICLES

"A Case of Incomplete Twinning in
the Hamster." *Anatomical Record* 99
(1947), 1-6.

"The Use of Plastic in Reconstruc-
tions from Serial Sections." *Ana-*
tomical Record 100 (1948), 191-200.

"Development of the Golden Hamster,
Cricetus auratus, with Special Ref-
erence to the Major Circulatory
Channels." *Journal of Morphology*
83 (1948), 1-38.

"Respiration of Embryonic Blood." *Proceedings of the Society for Ex-*
perimental Biology and Medicine 75
(1950), 211-214.

SCHOOL OF MEDICINE

- "Chronology of Development for the Golden Hamster." *Journal of Morphology* 92 (1953), 1-38.
- (joint author) "Staining in Lieu of Micro-Injection for the Study of Embryonic Blood Vessels." *Stain Technology* 28 (1953), 147-148.
- "Anomalous Inferior Vena Cava Formed from Supracardinal Complex." *Anatomical Record* 117 (1953), 829-840.
- "The Vascular Pattern of the Renal Glomerulus as Revealed by Plastic Reconstruction from Serial Sections." *Anatomical Record* 125 (1956), 433-442.
- "Plastic Reconstruction of Pathological Renal Glomeruli; I-Morphological Changes in the Ischemic Glomerulus." *Laboratory Investigation* 9 (1960), 291-297.

Goodge, William R.

ARTICLES

- "Birds of the San Juan Islands." *Murrelet* 31 (1950), 27-28.
- "Variation in Skeletal Measurements of the Common Murre." *Condor* 53 (1951), 99-100.
- "Adaptations for Amphibious Vision in the North American Dipper (*Cinclus mexicanus*)." *Anatomical Record* 130 (1958), 306.
- "Locomotion and Other Behavior of the Dipper." *Condor* 61 (1959), 4-17.
- "Adaptations for Amphibious Vision in the Dipper, (*Cinclus mexicanus*)." *Journal of Morphology* 107 (1960), 79-92.

Hewes, C. Gordon

ARTICLES

- (joint author) "Antibody Formation in the Guinea Pig as a Result of Oral Administration of Chlortetracycline and Penicillin." *Antibiotics and Chemotherapy* 5 (1955), 101-104.
- "The Influence on the Growth and Progeny of the Guinea Pig Resulting from Oral Administration of Aureomycin (Chlortetracycline) and Penicillin." *Journal of Nutrition* 57 (1955), 353-360.
- (joint author) "X-Ray Microscopy of Veins of the Skull." *Science* 124 (1956), 129.
- (joint author) "Comparative Patterns and Communications of Diploic Veins in Man and Dog." *Anatomical Record* 124 (1956), 304.

- (joint author) "Studies by X-Ray Microscopy of the Blood-Vascular System of the Skull." *Anatomical Record* 127 (1957), 306.
- (joint author) "Microradiographical Studies of Dietary Effects on Dentin." *Anatomical Record* 130 (1958), 315.
- (joint author) "Dentinal Changes Preliminary to Carious Lesions Determined by Electron Microscopy and Microradiography." *Anatomical Record* 133 (1959), 288.
- (joint author) "Histochemical Analysis of Lesions in Incipient Dental Caries." *Journal of Dental Research* 38 (1959), 592-605.
- (joint author) "Cineangiography with Simple Therapy X-Ray Equipment." *Journal of the Biological Photographic Association* 28 (1960), 119-121.

Johnson, Robert J.

CHAPTERS AND SECTIONS

- "Anatomy of the Heart." In *Clinical Cardiology*, F. C. Massey (Ed.) Baltimore: Williams and Wilkins, 1953, 1-20.
- "The Anatomy of the Cervical Sympathetic Trunk." In *Stellate Ganglion Block*, D. C. Moore, Springfield, Ill.: C. Thomas, 1954, 24-40.

ARTICLES

- (joint author) "Causes and Methods of Repair of Direct and Recurring Inguinal Hernias." *American Journal of Surgery* 79 (1950), 678-683.
- (joint author) "Use of Radioactive Phosphorus in Studies of Fetal Circulation." *American Journal of Physiology* 162 (1950), 147-152.
- (joint author) "A Physiological and Anatomical Study of the Closure of the Ductus Arteriosus in the Dog." *Anatomical Record* 110 (1951), 103-112.
- (joint author) "Rotation of the Forearm: An Experimental Study of Pronation and Supination." *Journal of Bone and Joint Surgery* 33-A (1951), 993-996.
- (joint author) "Congenital Median Band of the Anus. A Report of 6 Cases with Results of Surgical Treatment and a Discussion of Possible Embryologic Events Leading to the Abnormality." *Surgery, Gynecology and Obstetrics* 97 (1953), 307-311.

MEDICINE

es by X-Ray
Blood-Vascular
" *Anatomical*
6.
radiographical
ffects on Den-
rd 130 (1958),

l Changes Pre-
Lesions Deter-
icroscopy and
anatomical Rec-

emical Analy-
ipient Dental
ntal Research

ography with
Equipment."
ological Photo-
(1960), 119-

CTIONS

" In *Clinical*
ey (Ed.) Bal-
Vilkins, 1953,

vical Sympa-
ate Ganglion
ingfield, Ill.:

and Methods
d Recurring
erican Jour-
50), 678-683.
Radioactive
of Fetal Cir-
Journal of
147-152.
ological and
e Closure of
n the Dog."
(1951), 103-

of the Fore-
l Study of
on." *Journal*
urgery 33-A

tal Median
Report of
of Surgical
sion of Pos-
ts Leading
urgery, Gyn-
97 (1953),

(joint author) "The Intradiaphrag-
matic Distribution of the Phrenic
Nerve with Particular Reference to
the Placement of Diaphragmatic In-
cisions and Controlled Segmental
Paralysis." *Surgery* 39 (1956), 189-
198.

(joint author) "Anteriorly Placed
Rectal Opening in the Perineum
(Ectopic anus)." *Annals of Surgery*
147 (1958), 173-179.

(joint author) "Failure of Migration
of the Rectal Opening as the Cause
for Most Cases of Imperforate
Anus." *Surgery, Gynecology, and*
Obstetrics 106 (1958), 643-651.

(joint author) "Concealed Drainage
of the Middle Lobe of the Lung into
the Superior Vena Cava Through a
Tributary of the Superior Pulmon-
ary Vein." *Diseases of the Chest* 35
(1959), 357-359.

(joint author) "Congenital Hypoplasia
of the Middle Lobe of the Lung,
with Displacement of the Anterior
Basal Bronchus to the Middle Lobe
Stem." *Diseases of the Chest* 35
(1959), 360-363.

MEDICINE

Albrink, Margaret Joralemon

ARTICLES

"The Choline-Containing Phospholip-
ids of Serum." *Journal of Clinical*
Investigation 29 (1950), 46-51.

(joint author) "Serum Lipids in In-
fectious Hepatitis and Obstructive
Jaundice." *Journal of Clinical In-*
vestigation 29 (1950), 781-788.

(joint author) "The Results of a
Diabetes Detection Drive." *Connecti-*
cut State Medical Journal 25
(1951), 897-898.

(joint author) "Serum Lipids in Dia-
betic Acidosis." *Metabolism* 2
(1953), 120-132.

(joint author) "Water Content of
Hyperlipemic Serum." (Abstract)
Journal of Clinical Investigation 33
(1954), 914.

(joint author) "The Relation of Neu-
tral Fat to Lactescence of Serum." *Journal of Clinical Investigation* 34
(1955), 147-157.

(joint author) "The Transport of Lip-
ids in Chyle." *Journal of Clinical*
Investigation 34 (1955), 1467-1475.

(joint author) "The Displacement of
Serum Water by the Lipids of Hy-

perlipemic Serum. A New Method
for the Rapid Determination of
Serum Water." *Journal of Clinical*
Investigation 34 (1955), 1483-1488.

(joint author) "The Significance of
Triglycerides of Fatty Acids in Bio-
logical Fluids." *Third International*
Conference on Biochemical Prob-
lems of Lipids, Brussels, Belgium,
July, 1956, 200-215.

(joint author) "Serum Lipids in Dif-
ferent Stages of Carbohydrate Me-
tabolism." *Yale Journal of Biology*
and Medicine 29 (1956), 316-334.

(joint author) "The Relation of Diet
to Atherosclerosis." *Connecticut*
State Medical Journal 20 (1956),
974-981.

(joint author) "Effect of Carbohy-
drate Ingestion on Postprandial
Lipemia." *American Journal of Di-*
gestive Diseases 2 (1957), 649-653.

(joint author) "Lactescence of Serum
Following Bouts of Acute Alcohol-
ism and its Probable Relationship
to Acute Pancreatitis." *American*
Journal of Medicine 23 (1957), 26-33.

(joint author) "Effect of Glucagon on
Alimentary Lipemia." *Proceedings*
of the Society of Experimental Biol-
ogy and Medicine 95 (1957), 778-780.

(joint author) "Reduction of Alimen-
tary Lipemia by Glucose." *Metabo-*
lism 7 (1958), 162-171.

(joint author) "Serum Triglycerides
in Health and Diabetes." *Diabetes* 7
(1958), 194-201.

(joint author) "Serum Triglycerides
in Coronary Artery Disease." *Transactions of the Association of*
American Physicians 71 (1958), 162-
173; *Archives of Internal Medicine*
103 (1959), 4-8.

"The Microtitration of Total Fatty
Acids of Serum with Notes on the
Estimation of Triglycerides." *Jour-*
nal of Lipid Research 1 (1959), 53-
59.

"Usefulness of Serum Lipids in the
Prediction and Treatment of Cor-
onary Artery Disease." *Connecticut*
Medicine 24 (1960), 27-30.

(joint author) "Effect of Previous
Starvation on the Response of
Plasma Lipids and Free Fatty Acids
to a Fat Meal." *Journal of Clinical*
Investigation 39 (1960), 441-446.

"Lipoprotein Pattern as a Function of
Serum Triglyceride Concentration." *Journal of Clinical Investigation* 40
(1961), 536-544.

SCHOOL OF MEDICINE

Anderson, William Evan

ARTICLES

(joint author) "Primary Hypocapnia—A Cause of Metabolic Acidosis." (Abstract). *Clinical Research* 8 (1960), 287.

Editor: "Medical Grand Rounds." (A series of Five Review Papers) In *Journal of the Lancet* 80 (1960), 300-307; 378-382; 476-481; 482-490; 519-522.

Andrews, Charles E.

ARTICLES

(joint author) "Hepatic Coma, A Review of Twenty-Seven Cases." *Journal of the Kansas Medical Society* 56 (1955), 125-129.

(joint author) "Studies on Airway Resistance in Chronic Pulmonary Disease." *Clinical Research* 6 (1958), 420.

(joint author) "Airway Resistance Studies in Patients with Bronchial Asthma." *Journal of Laboratory and Clinical Medicine* 54 (1959), 889-896.

(joint author) "Histoplasmosis Case Finding: I. Survey Procedures and Clinical Results: Report of VA-Armed Forces Cooperative Study." Presented at the 19th VA-Armed Forces Conference on the Chemotherapy of Tuberculosis, Feb. 1960, 282-287.

(joint author) "Histoplasmosis Case Finding: II. Serologic Aspects: Report of VA-Armed Forces Study. Presented at the 19th VA-Armed Forces Conference on the Chemotherapy of Tuberculosis, Feb. 1960, 287-301.

Condry, Raphael J.

ARTICLES

"Complete Heart Block in Acute Myocardial Infarction." *West Virginia Medical Journal* 53 (1957), 139-143.

"Acute Myocardial Infarction (A follow-up Record of 450 Cases)." *West Virginia Medical Journal* 53 (1957), 367-370.

"Primary Pulmonary Arteriosclerosis with Rupture of the Pulmonary Artery." *Annals of Internal Medicine* 49 (1958), 1252-1257.

"The Failure of Anticoagulant Therapy to Prevent Coronary Thrombosis after Long-Term Use and in Impending Myocardial Infarction." *West Virginia Medical Journal* 55 (1959), 319-322.

"Coronary Artery Disease." *Medical Times* 88 (1960), 994-997.

Conn, Rex B., Jr.

ARTICLES

(joint author) "On the Specificity of the Sparing Phenomenon." *Iowa State College Journal of Science* 24 (1950), 325-332.

(joint author) "The Green Fluorescence of Guanidinium Compounds with Ninhydrin." *Nature* 183 (1959), 1053-1055.

"The Fluorimetric Determination of Creatine." *Clinical Chemistry* 6 (1960), 537-548.

"The Laboratory Evaluation of Hemolytic Disease." *Postgraduate Medicine* 27, 5 (1960).

(joint author) "Amyloid Disease of the Bone Marrow, Diagnosis by Sternal Marrow Aspiration." *American Journal of Pathology* 38 (1961), 61-71.

Flink, Edmund B.

CHAPTERS AND SECTIONS

"Endocrine Disease." In *Outlines of Internal Medicine* (9th ed.) C. J. Watson (Ed.) Dubuque, Iowa: W. C. Brown, 1958.

ARTICLES

"Hyperparathyroidism." *Medical Clinics of North America* 29 (1945), 389-404.

(joint author) "Calcium, Phosphorus, Phosphatase: Diagnostic Implications." *Modern Medicine* 13 (1945), 63-76.

"The Bedside Diagnosis of Liver Disease." *Minnesota Medicine* 29 (1946), 133-136.

"Transfusion Studies. I. Differentiation of Hemolytic and Non-Hemolytic Transfusion Reactions." *Journal of Laboratory and Clinical Medicine* 31 (1946), 1067-1073.

(joint author) "Transfusion Studies. II. Survival of Transfused Red Cells as Determined by Urobilinogen Ex-

MEDICINE

- coagulant Therapy in Thrombotic and in Impending Infarction." *West Journal* 55 (1959), 94-997.
- the Specificity of the Phenomenon." *Iowa Journal of Science* 24 (1959), 183 (1959), 183-184.
- Determination of the Specificity of the Phenomenon." *Iowa Journal of Science* 24 (1959), 183-184.
- Calcium, Phosphorus and Phosphate as Aids in the Diagnosis of Bone Lesions." *Radiology* 50 (1948), 72-82.
- (joint author) "Therapy of Hyperthyroidism." *Staff Meeting Bulletin, Hospitals of the University of Minnesota* 19 (1948), 348-357.
- (joint author) "Clinical and Metabolic Changes in Addison's Disease Following the Administration of Compound E Acetate (11-dehydro, 17-hydroxycorticosterone acetate)." *Transactions of the Association of American Physicians* 62 (1949), 233-244.
- (joint author) "Metabolic Studies on Cushing's Syndrome." *Journal of Clinical Investigation* 28 (1949), 781.
- (joint author) "Myelofibrosis and Generalized Osteosclerosis Secondary to Carcinoma of the Prostate." *Journal of Urology* 63 (1949), 178-184.
- (joint author) "Changes in Potassium and Sodium Concentration in Liver Slices Accompanying Incubation in Vitro." *American Journal of Physiology* 163 (1950), 589-604.
- (joint author) "The Treatment of Chronic Liver Disease with Pituitary Adrenocorticotrophic Hormone (ACTH)." *Proceedings of the Central Society for Clinical Research* 23 (1950), 34; *Journal of Laboratory and Clinical Medicine* 36 (1950), 822.
- (joint author) "Diurnal Rhythmic Changes in Blood Eosinophil Levels in Health and in Certain Diseases." *Journal Lancet* 71 (1951), 312-319.
- (joint author) "Magnesium, Potassium, Phosphorus, Chloride and Vitamin Deficiency as a Result of Prolonged Use of Parenteral Fluids." *Journal of Laboratory and Clinical Medicine* 38 (1951), 817.
- (joint author) "Two New Tools for the Diagnosis of Adrenal Cortical Dysfunction." *Journal of Laboratory and Clinical Medicine* 38 (1951), 817.
- (joint author) "Clinical Uses of the Artificial Kidney." *Journal Lancet* 72 (1952), 1-7.
- (joint author) "The Effect of Corticotropin Administration of Blood Bile Acids and Pruritus in Biliary Cirrhosis." *Journal of Clinical Investigation* 31 (1952), 627.
- (joint author) "Clinical Studies on Eosinophil Rhythm." *Journal of Clinical Endocrinology and Metabolism* 12 (1952), 922.
- (joint author) "Corticotropin Therapy of Chronic Liver Disease." *Journal of Laboratory and Clinical Medicine* 39 (1952), 888-895.
- (joint author) "Magnesium Deficiency in Delirium Tremens." *Journal of Clinical Investigation* 32 (1953), 568.
- "Hormone Induced Hypopotassemia." *Journal Lancet* 73 (1953), 215.
- (joint author) "Magnesium Deficiency after Prolonged Parenteral Fluid Administration and after Chronic Alcoholism Complicated by Delirium Tremens." *Journal of Laboratory and Clinical Medicine* 43 (1954), 169-183.
- (joint author) "Correlation of Diurnal Variations in Eosinophils and 17-hydroxycorticosteroids in Plasma and Urine." *Journal of Clinical Endocrinology and Metabolism* 14 (1954), 774-775.
- (joint author) "Fluid and Electrolyte Balance. Part I. Basic Considerations." *Minnesota Medicine* 37 (1954), 545-556.
- "Problems Arising in the Treatment of Adrenal Insufficiency with Cortisone and Hydrocortisone." *Minnesota Medicine* 37 (1954), 623-625, 652.
- "Fluid and Electrolyte Balance. Part III. Medical Considerations." *Minnesota Medicine* 37 (1954), 715-721.
- (joint author) "The Effect of Corticotropin (ACTH) on Calcium Output in Dog Bile." *Journal of Laboratory and Clinical Medicine* 44 (1955), 777.
- (joint author) "The Effect of Carbon Dioxide on the Concentration of Calcium in Ultrafiltrate of Serum Obtained by Centrifugation." *Journal of Clinical Investigation* 34 (1955), 957-958.

SCHOOL OF MEDICINE

- (joint author) "The Association of Low Serum Magnesium Concentrations and Deleterious Effects of Ammonia in Hepatic Cirrhosis." *Journal of Laboratory and Clinical Medicine* 46 (1955), 814.
- (joint author) "Relationship of Diurnal Variation in 17-hydroxycorticosteroid Levels in Blood and Urine to Eosinophils and Electrolyte Excretion." *Journal of Clinical Endocrinology and Metabolism* 16 (1956), 196-206.
- "Magnesium Deficiency Syndrome in Man." *Journal of the American Medical Association* 160 (1956), 1406-1409.
- (joint author) "Ultrafiltrable Calcium in Hyperventilation Tetany and Respiratory Acidosis Produced Experimentally in Dogs." (Abstract) *Clinical Research Proceedings* 4 (1956), 153.
- (joint author) "Adrenal Cortical Hyperfunction Associated with Metastatic Bronchogenic Carcinoma." *Journal Lancet* 76 (1956), 242-244.
- (joint author) "Probable Mechanism of Ventricular Fibrillation and Cardiac Arrest Following Hypercapnia." (Abstract) *Clinical Research Proceedings* 4 (1956), 239.
- (joint author) "Effect of Carbon Dioxide on Concentration of Calcium in an Ultrafiltrate or Serum Obtained by Centrifugation." *Journal of Applied Physiology* 10 (1957), 103-107.
- (joint author) "The Exchangeable Character of Accumulated I_{131} in the Thyroid Gland of a Goitrous Cretin." *Journal of Clinical Endocrinology and Metabolism* 17 (1957), 441-444.
- (joint author) "Diurnal Variation of Uropepsinogen and its Relation to Adrenal Function." *Clinical Research Proceedings* 5 (1957), 197.
- (joint author) "Simple Method for Determining Thyroid Conversion Ratio." *American Journal of Clinical Pathology* 28 (1957), 1.
- (joint author) "Plasma Ultrafiltrable Calcium in Respiratory Alkalosis and Acidosis." *American Journal of Physiology* 190 (1957), 459-461.
- (joint author) "Evidences for Clinical Magnesium Deficiency." *Annals of Internal Medicine* 47 (1957), 956-968.
- (joint author) "Plasma Ultrafiltrable Magnesium in Respiratory Alkalosis and Acidosis." *Proceedings of the Society for Experimental Biology and Medicine* 96 (1957), 629-630.
- (joint author) "The Treatment of Acute Renal Insufficiency." *Minnesota Medicine* 40 (1957), 789-793.
- (joint author) "Magnesium Deficiency in Chronic Alcoholism." (Abstract) *Journal of Laboratory and Clinical Medicine* 50 (1957), 931-932.
- (joint author) "The Treatment of Diabetic Acidosis." *Journal Lancet* 78 (1958), 37-42.
- (joint author) "The Base Binding Property of Serum Proteins with Respect to Calcium." *Journal of Laboratory and Clinical Medicine* 51 (1958), 345-350.
- (joint author) "Magnesium Protein Relationship and Status of Ultrafiltrable Magnesium in Normal and Abnormal Human Sera." *Clinical Research* 6 (1958), 260-261.
- (joint author) "The Determination of Ultrafiltrable Calcium in a Variety of Clinical Conditions." *Journal of Laboratory and Clinical Medicine* 52 (1958), 1-10.
- (joint author) "Normal Renal Magnesium Clearance and the Effect of Water-loading, Chlorothiazide and Ethanol on Magnesium Excretion." (Abstract) *Journal of Laboratory and Clinical Medicine* 52 (1958), 928.
- (joint author) "Effect of Sudden Time Displacement by Air Travel on Synchronization of Adrenal Function." *Proceedings of the Society for Experimental Biology and Medicine* 100 (1959), 498-501.
- (joint author) "Hyperresponsiveness of the Adrenal Cortex after ACTH Administration." (Abstract) *Clinical Research* 7 (1959), 252-253.
- (joint author) "The Base Binding Property of the Serum Proteins with Respect to Magnesium." *Journal of Laboratory and Clinical Medicine* 54 (1959), 357-364.
- (joint author) "Magnesium Balance Studies in Chronic Alcoholism." *Journal of Laboratory and Clinical Medicine* 55 (1960), 98-104.
- (joint author) "Diurnal Variation of 17-hydroxycorticosteroids, Sodium, Potassium, Magnesium and Creatinine in Normal Subjects and in Cases of Treated Adrenal Insufficiency and Cushing's Syndrome." *Journal of Clinical Endocrinology and Metabolism* 20 (1960), 253-265.

MEDICINE

Experimental Biology and
1957), 629-630.

"The Treatment of
Insufficiency." *Minne-
10* (1957), 789-793.

"Magnesium Deficiency
Alcoholism." (Abstract)
*Laboratory and Clinical
1957*), 931-932.

"The Treatment of Dia-
" *Journal Lancet* 78

"The Base Binding
Serum Proteins with
Calcium." *Journal of
Clinical Medicine* 50.

"Magnesium Protein
and Status of Ultra-
sium in Normal and
Human Sera." *Clinical
1958*), 260-261.

"The Determination of
Calcium in a Variety
of Conditions." *Journal of
Clinical Medicine* 52

"Normal Renal Mag-
nesium and the Effect of
Chlorothiazide and
Magnesium Excretion."
*Journal of Laboratory
Medicine* 52 (1958).

"Effect of Sudden Time
Air Travel on Syn-
drome of Adrenal Function."
*The Society for Ex-
perimental Biology and Medicine*
1951.

"Hyperresponsiveness
of the Cortex after ACTH
(Abstract) *Clin-
ical* (1959), 252-253.

"The Base Binding
Serum Proteins with
Magnesium." *Journal of
Clinical Medicine* 54

"Magnesium Balance
in Chronic Alcoholism."
*Laboratory and Clinical
Medicine* 50), 98-104.

"Diurnal Variation of
Corticosteroids, Sodium,
Magnesium and Creatin-
ine in Subjects and in Cases
of Renal Insufficiency
Syndrome." *Journal
of Endocrinology and Me-
tabolism* 10), 253-265.

(joint author) "Significance of the
Concentration of Nonprotein-Bound
Plasma Cortisol in Normal Subjects,
Cushing's Syndrome, Pregnancy,
and During Estrogen Therapy."
*Journal of Clinical Endocrinology
and Metabolism* 20 (1960), 1484-
1492.

"Adenohypophysis and Adrenal Cor-
tex." *Annual Review of Physiology*
23 (1961), 229-262.

Glick, L. Michael

ARTICLES

"Phagocytosis of Cryoglobulin."
*American Journal of the Medical
Sciences* 236 (1958), 208-224.

"The Paraproteins." *Chicago Medical
School Quarterly* 20 (1959), 63-68.

"Lobar Pneumonia with Bacteremia
Caused by Bacterium Anitratum."
American Journal of Medicine 27
(1959), 183-186.

Harley, John B.

ARTICLES

(joint author) "Hematoma of the
Rectus Abdominis Muscle as a Fatal
Complication of Anticoagulant Ther-
apy." *West Virginia Medical Journal*
52 (1956), 197-199.

"Rheumatoid Spondylitis." (A Review
of 105 Cases). *West Virginia Medi-
cal Journal* 52 (1956), 301-304.

(joint author) "Meningitis Due to
Pseudomonas Aeruginosa Following
Myelography With Pantopaque."
West Virginia Medical Journal 53
(1957), 180-181.

"Tricuspid Occlusion Due to Mass
Thrombus of the Right Auricle."
Annals of Internal Medicine 46
(1957), 990-996.

"The Value of the Autopsy in a Small
Hospital." *West Virginia Medical
Journal* 53 (1957), 228-229.

"Influenza Epidemic in Monongalia
County." (September to November
1957) *West Virginia Medical Jour-
nal* 54 (1958), 261-266.

"Eosinophilic Peritonitis." *Annals of
Internal Medicine* 51, (1959), 301-
308.

BOOK REVIEWS

Salvatore R. Cutolo, M. D., *Bellevue is
My Home*. In *West Virginia Medical
Journal* 52, 8 (1956), xxxviii.

Charles K. Freidberg, *Diseases of the
Heart*. In *West Virginia Medical
Journal* 52, 12 (1956), li.

Care of the Long Term Patient, Vol.
II, *Chronic Illness in the United
States*. In *West Virginia Medical
Journal* 52, 12 (1956), li.

P. J. Sanazaro, *Current Medical Refer-
ences*. In *West Virginia Medical
Journal* 56, 5 (1960), lviii.

James Hardy, *Biopsy Manual*. In *West
Virginia Medical Journal* 56, 6
(1960), lvii.

Walter Modell, *Drugs of Choice —
1960-1961*. In *West Virginia Medical
Journal* 56, 6 (1960), lviii.

B. S. Learell and O. A. Thorup, *Funda-
mentals of Clinical Hematology*. In
West Virginia Medical Journal 56, 8
(1960), xxxix.

*Science and Medicine of Exercise and
Sports*. In *West Virginia Medical
Journal* 56, 9 (1960), liv.

Koppel, Donald M.

ARTICLES

"Treatment of Exfoliative Dermatitis
with Cortisone." *U. S. Armed Forces
Medical Journal* 4 (1953), 607-610.

Lawless, John J.

ARTICLES

"Parathion Poisoning." *West Virginia
Medical Journal* 46 (1950), 125.

BOOK REVIEWS

Morris Fishbein, *Medical Uses of Soap*.
In *West Virginia Medical Journal*
41, 4 (1945), xxvii.

*A Textbook on Pathology of Labor, the
Puerperium and the Newborn*. In
West Virginia Medical Journal 41, 7
(1945), xxx.

Walter L. Beirring, *Rypins' Medical
Licensure Examinations*. In *West
Virginia Medical Journal* 41, 8
(1945), xxvii.

*American Red Cross First Aid Text-
book*. In *West Virginia Medical
Journal* 42, 2 (1946), xxxii.

Health Education Council, *Suggested
School Health Policies*. In *West Vir-
ginia Medical Journal* 42, 4 (1946),
xxxii.

Malford Thewlis, *The Care of the
Aged*. In *West Virginia Medical
Journal* 42, 7 (1946), xxxiv.

SCHOOL OF MEDICINE

- H. H. Merritt, Fred A. Mettler, and Tracy J. Putnam, *Fundamentals of Clinical Neurology*. In *West Virginia Medical Journal* 43, 8 (1947), xxli-xxiii.
- Joseph J. McDonald, Joseph Chusid, and Jack Lange, *Correlative Neuroanatomy*. In *West Virginia Medical Journal* 44, 11 (1948), xxxii.
- Frederick J. Moore, et al., *Statistics for Medical Students*. In *West Virginia Medical Journal* 48, 2 (1952), xxviii-xxix.
- Donald Mainland, *Elementary Medical Statistics*. In *West Virginia Medical Journal* 49, 1 (1953), xxv-xxvi.
- L. A. Gillilan, *Clinical Aspects of the Autonomic Nervous System*. In *West Virginia Medical Journal* 51, 3 (1955), xxx.
- K. E. Halnan, *Atomic Energy in Medicine*. In *West Virginia Medical Journal* 54, 3 (1958), lxxii.
- Manfred Sakel, *Epilepsy*. In *West Virginia Medical Journal* 55, 2 (1959), lxvii.

Marshall, Robert James

ARTICLES

- (joint author) "Heat Loss from Toes and Fore-Feet During Immersion in Cold Water." *Journal of Applied Physiology* 4 (1951), 37.
- (joint author) "Vascular Responses in Patients with High Serum Titres of Cold Agglutinins." *Clinical Science* 12 (1953), 255.
- (joint author) "The Syndrome of High-Titre Cold Haemagglutination." *British Medical Journal* 2 (1953), 314.
- (joint author) "Cryoglobulinaemia with Cerebral Purpura." *British Medical Journal* 2 (1954), 279.
- (joint author) "Changes in the Hand Circulation in a Case of Pulmonary Osteoarthropathy." *Irish Journal of Medical Science* 4 (1954), 127.
- "The Hazards of Untreated Addisonian Anaemia." *Irish Journal of Medical Science* 6 (1956), 409.
- (joint author) "Hypothermic Myxoedema Coma with Muscle Damage and Acute Renal Tubular Necrosis." *Lancet* 2 (1956), 754.
- (joint author) "Coarctation of the Aorta." *Irish Journal of Medical Science* 6 (1956), 491.
- (joint author) "Intra-Arterial Oxygen in Peripheral Vascular Disease." *British Medical Journal* 2 (1956), 1448.
- (joint author) "Mitral Valvotomy During Pregnancy." *British Medical Journal* 1 (1957), 1097.
- (joint author) "Tricuspid Stenosis." *Lancet* 1 (1957), 1319.
- (joint author) "Pulmonary Stenosis with Normal Aortic Root." *Irish Journal of Medical Science* 7 (1957), 309.
- (joint author) "An Evaluation of Mitral Valvotomy." *Ulster Medical Journal* 26 (1957), 155.
- (joint author) "The Antagonism of the Vascular Effects of 5-hydroxytryptamine by BOL 148 and Sodium Salicylate in the Human Subject." *British Journal of Pharmacology* 12 (1957), 496.
- (joint author) "Anaphylactic Response to Acetarsol." *Journal of Obstetrics and Gynecology of The British Empire* 65 (1958), 475.
- "Chlorothiazide: A New Diuretic." *Medical Journal of Australia* 2 (1958), 517.
- "Treatment of Hypertension with a Combination of Chlorothiazide and Mecamylamine." *Medical Journal of Australia* 2 (1958), 521.
- (joint author) "Vascular Reactivity in Essential Hypertension." *Clinical Science* 18 (1959), 441.
- (joint author) "Effect of Acetylcholine Infusion on Pulmonary Vascular Resistance in Idiopathic Pulmonary Hypertension." *Circulation* 20 (1959), 391.
- (joint author) "Effect of Injections of Hypertonic Solutions on Blood Flow Through the Femoral Artery of the Dog." *American Journal of Physiology* 197 (1959), 951.
- (joint author) "Components of the 'Central' Blood Volume in the Dog." *Circulation Research* 6 (1960), 93.
- (joint author) "Evaluation of the Slope-Volume Method as an Index of Pulmonary Blood Volume." *Journal of Clinical Investigation* 39 (1960), 466.
- (joint author) "Stroke Volume in the Dog During Graded Exercise." *Circulation Research* 8 (1960), 558.
- (joint author) "The Effect of Changes in Posture and of Graded Exercise on Stroke Volume in Man." *Journal of Clinical Investigation* 39 (1960), 1051.

MICROANATOMY AND ORGANOLOGY

Maxwell, George Ralph

ARTICLES

- "Rene Theophile Hyacinthe Laennec." *West Virginia Medical Journal* 49 (1953), 347-352.

Mutch, Robert S.

ARTICLES

- "Treatment of the Premenstrual Tension Syndrome with Ethisterone and Other Agents." *Postgraduate Medicine* 26 (1959), 539-541.
 "Treatment of Hay Fever." *Bulletin of Geisinger Hospital and Foss Clinic* 9 (1957), 14-23.

Sleeth, Clark K.

ARTICLES

- (joint author) "Effect of Anoxic Anoxia on Bile Secretion in the Rat." *Proceedings of the Society for Experimental Biology and Medicine* 66 (1947), 275.
 (joint author) "Synthetic Curare Compounds (III). d-N-methyl-Chondrodendrine Iodide." (Abstract) *Federation Proceedings* 7 (1948), 243.
 (joint author) "The Curariform Activity of d-N-methyl Chondrodendrine and d-O-methyl-N-methyl Chondrodendrine." *Journal of Pharmacology and Experimental Therapy* 93 (1948), 109.
 (joint author) "The Curariform Activity of N-methyloxycanthine." *Journal of Pharmacology and Experimental Therapy* 95 (1949), 100.
 (joint author) "Infectious Mononucleosis." *West Virginia Medical Journal* 48 (1952), 116.
 (joint author) "Analgetic Activity of Optical Isomers of 3-hydroxy-N-methylmorphinan and 6-dimethyl-amino-4, 4-diphenyl-3-heptanone." *Proceedings of the Society for Experimental Biology and Medicine* 84 (1953), 532.
 (joint author) "Influenza Epidemic in Monongalia County." *West Virginia Medical Journal* 54 (1959), 261.
 (joint author) "A Study of the Disabilities of Aged Patients in a Community Nursing Home." *West Virginia Medical Journal* 56 (1960), 241.

- (joint author) "Our Future Doctors." (The Medical School Admissions Picture Today). *West Virginia Medical Journal* 56 (1960), 486.

MICROANATOMY AND ORGANOLOGY

Higginbotham, A. C.

REPORTS

- (joint author) *Cutaneous Temperature Gradients, Heat Losses and Blood Flows. Air Force Technical Report, No. 6680, Part 9, 1952, 1-11.*

ARTICLES

- "Notes on the Oxygen Consumption and Activity of Catfish." *Ecology* 28 (1947), 462-464.
 "Freshwater Fishes of Virginia. I. Analysis of the Distribution of Species and Subspecies in the Major River Systems East of the Mountains." *Virginia Academy of Science* 26 (1948), 14.
 (joint author) "Determination of the Physical Condition of Fish. I. Some Blood Analyses of the Southern Channel Catfish." *Quarterly Journal of the Florida Academy of Sciences* 11 (1949), 119-124.
 (joint author) "Preliminary Study of the Hemoconcentration Response of Albino Rats to Acute Hypothermia." *Anatomical Record* 108 (1950), 504.
 (joint author) "Hemoconcentration in the Albino Rat During Acute Hypothermia." *Quarterly Journal of the Florida Academy of Sciences* 14 (1951), 21-27.
 (joint author) "Temperature Regulation in Conscious Dogs During Thermal Stress." (Abstract) *Federation Proceedings* 11 (1952), 41.
 (joint author) "Blood Flow Changes Following Denervation Procedures and Hyperthermia." *Medical Bulletin St. Louis University* 4 (1952), 148-153.
 (joint author) "Cutaneous Temperature Gradients, Heat Losses and Blood Flows." *American Journal of Physiology* 171 (1952), 736.
 "Temperature Regulation in the Virginia Opossum." *Anatomical Record* 113 (1954), 311.
 (joint author) "Temperature Regulation in the Virginia Opossum."

SCHOOL OF MEDICINE

- American Journal of Physiology* 181 (1955), 69-71.
- (joint author) "Some Acute Effects of Dietary Fat on Intravascular Agglutination in Cardiac Patients." *Anatomical Record* 121 (1955), 310.
- (joint author) "Experimental Atherosclerosis in Rabbits. Observations on the Extraretinal Structures of the Eye." *Anatomical Record* 122 (1955), 459-460.
- "Methods for Studying Regression of Atheromata Using Intraocular Transplants and Implants." *Anatomical Record* 124 (1956), 459.
- (joint author) "Intravascular Agglutination of the Blood Following Fat Ingestion. A Possible Factor in the Production of Angina Pectoris and Coronary Thromboses, and the Pathogenesis of Atherosclerosis." *Journal of the South Carolina Medical Association* 53 (1956), 1-2.
- "Intraocular Arterial Homotransplants for Studying Atherosclerotic Lesion Regression." *Science* 125 (1957), 554-555.
- "Observations on Normal and Atherosclerotic Aortic Homotransplants in Rabbit Anterior Eye Chambers." *Anatomical Record* 127 (1957), 308.
- (joint author) "Increased Blood Cell Agglutination Following Ingestion of Fat, a Factor Contributing to Cardiac Ischemia, Coronary Insufficiency, and Anginal Pain." *Angiology* 8 (1957), 29-40.
- "Further Observations on Normal and Atherosclerotic Aortic Homotransplants in Anterior Eye Chambers of Rabbits." *Circulation* 16 (1957), 480.
- (joint author) "Spontaneous Regression in Rabbit Intraocular Atheromatous Aortic Homotransplants." *AMA Archives of Pathology* 65 (1958), 631-635.
- (joint author) "Effect of Exogenous Estrogen on Rabbit Intraocular Atheromatous Aortic Homotransplants." *Circulation* 18 (1958), 487.
- (joint author) "Effects of Hyperlipemia on Rabbit Intraocular Atheromatous Aortic Homotransplants." *Circulation* 18 (1958), 503.
- (joint author) "Experimental Atherosclerosis." *West Virginia Medical Journal* 55 (1959), 327-330.
- (joint author) "Experimental Canine Atherosclerosis." (Abstract) *Anatomical Record* 136 (1960), 210.
- (joint author) "Vascularization of in situ and Intraocularly Transplanted Atheromatous Plaques in Rabbits." (Abstract) *Circulation* 22 (1960), 21.
- (joint author) "Influence of Medial Pathology on Atherogenesis in Dogs." (Abstract) *Circulation* 22 (1960), 32.

Reyer, Randall W.

ARTICLES

- "An Experimental Study of Lens Regeneration in *Triturus viridescens* viridescens. I. Regeneration of a Lens After Lens Extirpation in Embryos and Larvae of Different Ages." *Journal of Experimental Zoology* 107 (1948), 217-267.
- "An Experimental Study of Lens Regeneration in *Triturus viridescens* viridescens. II. Lens Development from the Dorsal Iris in the Absence of the Embryonic Lens." *Journal of Experimental Zoology* 113 (1950), 317-354.
- "Regeneration of the Lens in the Amphibian Eye." *Quarterly Review of Biology* 29 (1954), 1-46.
- "Further Studies on Lens Development from the Dorsal Iris of *Triturus viridescens* viridescens in the Absence of the Embryonic Lens." *Journal of Experimental Zoology* 125 (1954), 1-16.
- (joint author) "A Reinvestigation of Lens Regeneration in *Salamandra salamandra salamandra*." *Journal of Experimental Zoology* 129 (1955), 257-290.
- "Lens Regeneration from Homoplastic and Heteroplastic Implants of Dorsal Iris into the Eye Chamber of *Triturus viridescens* and *Amblystoma punctatum*." *Journal of Experimental Zoology* 133 (1956), 145-190.
- "Studies on Lens Induction in *Amblystoma punctatum* and *Triturus viridescens* viridescens. I. Transplants of Prospective Belly Ectoderm." *Journal of Experimental Zoology* 138 (1958), 505-556.
- "Studies on Lens Induction in *Amblystoma punctatum* and *Triturus viridescens* viridescens. II. Transplants of Prospective Lateral Head Ectoderm." *Journal of Experimental Zoology* 139 (1958), 137-180.

MICROBIOLOGY

Williams, T. Walley

ARTICLES

- "The Differentiation of Placoid, Ctenoid and Cycloid Scales by Means of Alizarin Red S." *Stain Technology* 21 (1946), 54-59.
- "The Visualization of Vertebrate Capillary Beds by Intravascular Precipitation of Lead Chromate." *Anatomical Record* 100 (1948), 114-126.
- "A Procedure for Visualizing Important Anatomic Relationships of the Human Auditory Apparatus by Articulating Casts of Original Structures." *Anatomical Record* 135 (1959), 74-79.

MICROBIOLOGY

Deal, Samuel J.

ARTICLES

- (joint author) "Nutritional Studies on the Malic Enzyme of *Lactobacillus Arabinosus*." *Bacteriological Proceedings* (1957), 137.
- (joint author) "Malic Enzyme Induction by Lactic Acid Bacteria." *Canadian Journal of Microbiology* 7 (1961), 153.

Dyson, James E.

ARTICLES

- (joint author) "Skin Test Antigens from Yeast Phase Cultures of *Blastomyces dermatitidis* and *Histoplasma capsulatum*." *University of Michigan Medical Bulletin* 20 (1954), 53.
- (joint author) "Delayed Hypersensitivity in Experimental Fungus Infections. The Skin Reactivity of Antigens from the Yeast Phase of *Histoplasma capsulatum*." *Journal of Laboratory and Clinical Medicine* 45 (1955), 449.
- (joint author) "Delayed Hypersensitivity in Experimental Fungus Infections. The Skin Reactivity of Antigens from the Yeast Phase of *Blastomyces dermatitidis*." *Journal of Investigative Dermatology* 24 (1955), 447.
- (joint author) "Dermatomycosis Caused by *Trichophyton rubrum*." *North American Veterinarian* 36 (1955), 1031.

- (joint author) "Relationship of *Trichophyton mentagrophytes* to *Trichophyton rubrum* as Shown by Agar Gel Diffusion Techniques." (Abstract) *Bacteriological Proceedings* 61 (1961), 121.

Hall, John E.

ARTICLES

- (joint author) "Some Helminth Parasites of Rodents from Localities in Maryland and Kentucky." *Journal of Parasitology* 41 (1955), 640-641.
- (joint author) "An Apparent Case of Human Infection with the Whipworm of Dogs, *Trichuris vulpis* (Froelich, 1789)." *Journal of Parasitology* 42 (1956), 197-199.
- "Studies of the Life History of *Mosesia chordeilesia*." *Journal of Parasitology* 45 (1959), 327-336.
- "Studies on *Virgulate Xiphidiocercariae* from Indiana and Michigan." *American Midland Naturalist* 63 (1960), 226-245.
- "Some Lecithodendrid Metacercariae from Indiana and Michigan." *Journal of Parasitology* 46 (1960), 309-315.

Mascoli, Carmine Charles

ARTICLES

- (joint author) "The use of Triphenyl Tetrazolium Chloride Agar as the Confirmatory Medium in Routine Sanitary Water Analysis." *American Journal of Public Health* 43 (1953), 9.
- (joint author) "New Viral Agents Recovered from Tissue Cultures of Monkey Cells. III. Recovery of Additional Agents Both from Cultures of Monkey Tissues and Directly from Tissues and Excreta." *American Journal of Hygiene* 68 (1958), 1.
- (joint author) "Propagation of Poliovirus. Measles and Vaccinia in Guinea Pig Cell Strains." *Science* 29 (1959), 3353.
- (joint author) "Cell Lines Derived from Guinea Pig Liver and Spleen." Their Susceptibility to Injection by Poliovirus, and Their Relationship to Some Primate Cell Lines. (Abstract) *Federation Proceedings* 18, Pt. 1 (1959), 584.

SCHOOL OF MEDICINE

Slack, John M.

ARTICLES

- "The Source of Infection in Antinomycosis." *Journal of Bacteriology* 43 (1942), 192-309.
- (joint author) "The Use of Uterine Packs Impregnated with Sulfanilamide." *American Journal of Obstetrics and Gynecology* 43 (1942), 410-422.
- (joint author) "Salmonella Food Poisoning." *Bulletin of the U. S. Army Medical Department* 83 (1945), 120-122.
- (joint author) "The Action of d-Tubocurarine Chloride and Other Curarizing Drugs on the Growth of Certain Microorganisms." *Journal of Infectious Diseases* 86 (1950), 136-145.
- (joint author) "Serological Studies with Microaerophilic Actinomycetes." (Abstract) *Bacteriological Proceedings* 50 (1950), 110.
- (joint author) "Studies with Microaerophilic Actinomycetes. I. The Agglutination Reaction." *Journal of Bacteriology* 61 (1951), 721-735.
- (joint author) "Studies with Microaerophilic Actinomycetes. II. Serological Groups as Determined by the Reciprocal Agglutinin Absorption Technique." *Journal of Bacteriology* 70 (1955), 400-404.
- (joint author) "Serological Grouping of Microaerophilic Actinomycetes by the Reciprocal Agglutinin Absorption Technique." (Abstract) *Bacteriological Proceedings* 55 (1955), 84.
- (joint author) "Pathogenicity Studies with *Nocardia asteroides*." (Abstract) *Bacteriological Proceedings* 57 (1957), 145.
- (joint author) "Fluorescent Antibody Studies with *Actinomyces bovis*." (Abstract) *Bacteriological Proceedings* 60 (1960), 142.

Viggiano, Michael Anthony

ARTICLES

- "Don't Close That School!" *West Virginia Medical Journal* 54 (1958), 200-205.
- "Don't Close That School!" *West Virginia School Journal* 86, 5 (1958), 12-13.

"When an Epidemic Strikes." *Journal of the National Education Association* 47 (1958), 562.

OBSTETRICS AND GYNECOLOGY

Fugo, Nicholas W.

CHAPTERS AND SECTIONS

- "Drugs Used in Obstetrics and Gynecology." In *Drugs of Choice*, Walter Modell, ed. St. Louis: C. V. Mosby, 1958, 743-775.
- (joint author) "Drugs Used in Obstetrics and Gynecology." In *Drugs of Choice*, Walter Modell, ed. St. Louis: C. V. Mosby, 1960, 662-688.
- "Endometriosis." In *Current Therapy*, 1961, 639-640.

ARTICLES

- (joint author) "Effects of Various Sex Hormones on Excretion of Pregnan diol Early in Pregnancy." *Proceedings of the Society for Experimental Biology and Medicine* 65 (1947), 283-289.
- (joint author) "A Simplified Method for the Quantitative Determination of Free Pregnan diol Excretion in Pregnancy." *Proceedings of the Society for Experimental Biology and Medicine* 66 (1947), 39-42.
- (joint author) "Effect of Alloxan Diabetes on Reproduction in the Rat." *Proceedings of the Society for Experimental Biology and Medicine* 66 (1947), 638-641.
- (joint author) "Does Administration of Diethylstilbestrol to Pregnant Women Result in Increased Output of Urinary Pregnan diol?" *Proceedings of the Society for Experimental Biology and Medicine* 69 (1948), 436-438.
- (joint author) "Some Observations on the Non-Specific Choline Esterase in the Human Female." (Abstract) *Federation Proceedings* 7 (1948), 214.
- (joint author) "The Cause of Physiologic Basal Temperature Changes in Women." *Journal of Clinical Endocrinology* 8 (1948), 550-563.
- (joint author) "Studies on the Non-Specific Cholinesterase in the Serum of the Human Female." *Journal of*

Clinical Endocrinology 673.

(joint author) "The Effect of Estrogens." *Journal of Medical Association*

(joint author) "The Effect of Estrogens with Rationing." *Proceedings of the Society for Experimental Biology and Medicine* 74 (1950).

(joint author) "The Effect of Estrogens on the Ligation of the Rat." *Sociology and Medicine* 652.

"Management of the South Dakota and Pharmacy"

(joint author) "The Effect of Estrogens at the Shoulder." 1958.

(joint author) "The Effect of Oxytocic of the Female Rat." *Journal of Medicine* 76 (1958)

"Prolonged Medical"

"A Difference in Menstruation." *American Journal of Gynecology* 1

(joint author) "The Effect of Treatment of Medical" 45 (196

"Clinical Sensitivity of Observation" (1961),

Greco, J.

(joint author) "The Effect of Choline Esterase on the Female Rat." *Proceedings of the Society for Experimental Biology and Medicine* 53

(joint author) "The Effect of Choline Esterase on the Female Rat." *Proceedings of the Society for Experimental Biology and Medicine* 53

(joint author) "The Effect of Choline Esterase on the Female Rat." *Proceedings of the Society for Experimental Biology and Medicine* 53

(joint author) "The Effect of Choline Esterase on the Female Rat." *Proceedings of the Society for Experimental Biology and Medicine* 53

PATHOLOGY

- Clinical Endocrinology* 8 (1948), 666-673.
- (joint author) "Steroid in the Treatment of Early Pregnancy Complications." *Journal of the American Medical Association* 142 (1950), 778.
- (joint author) "Metabolism and Excretion of Estrone Sulfate Labeled with Radioactive Sulfur (S^{35})." *Proceedings of the Society for Experimental Biology and Medicine* 74 (1950), 501-505.
- (joint author) "The Effect of Tubal Ligation on Ovarian Function in the Rat." *Society for Experimental Biology and Medicine* 81 (1952), 649-652.
- "Management of the Infertile Couple." *South Dakota Journal of Medicine and Pharmacy* 10 (1957), 474.
- (joint author) "The Use of Oxytocics at the Delivery of the Anterior Shoulder." Exhibit of the A.M.A. 1958.
- (joint author) "A Comparison of Oxytocic Drugs in the Management of the Placental Stage." *American Journal of Obstetrics and Gynecology* 76 (1958), 141.
- "Prolonged Labor." *Mississippi Valley Medical Journal* 81 (1959).
- "A Different View of the Human Menstrual Cycle." In *Letters, American Journal of Obstetrics and Gynecology* 16 (1960), 745.
- (joint author) "The Diagnosis and Treatment of Menstrual Disorders." *Medical Clinics of North America* 45 (1961), 3-21.
- "Clinical Experience with Oxytocic Sensitivity Test." *American Journal of Obstetrics and Gynecology* 17 (1961), 531-535.

Greco, Robert

ARTICLES

- (joint author) "Hydatidiform Mole and Chorionepithelioma." *Journal of the Kentucky State Medical Association* 51 (1953), 247-251.
- (joint author) "Management of Carcinoma of the Cervix." *Journal of the Kentucky State Medical Association* 51 (1953), 251-254.
- (joint author) "Unruptured Primary Ovarian Pregnancy." *West Virginia Medical Journal* 53 (1953), 417-419.

Thompson, C. T.

ARTICLES

- (joint author) "Unruptured Primary Ovarian Pregnancy." *West Virginia Medical Journal* 53 (1957), 417-419.

PATHOLOGY

Albrink, Wilhelm S.

CHAPTERS AND SECTIONS

- "Biography of Henry Bunting." In *Frontiers in Cytology*. S. L. Palay, ed. New Haven: Yale University Press, 1958.
- "Inflammation." In *McGraw-Hill Encyclopedia of Science and Technology* 7 (1960), 97-98.

ARTICLES

- (joint author) "The Toxicological Action of 2, 3-Dimercaptopropanol (BAL)." *Journal of Pharmacology and Experimental Therapy. Supplement* 87 (1946), 28-32.
- (joint author) "Poisoning from Inhalation of the Vapors of Lewisite and Phenylldichlorarsine: Its Pathology in the Dog and Treatment with 2, 3-Dimercaptopropanol (BAL)." *Journal of Pharmacology and Experimental Therapy. Supplement* 87 (1946), 76-80.
- (joint author) "The Treatment of 2,3-Dimercaptopropanol (BAL) of the Systemic Toxic Effects of Skin Contamination with Lewisite and Phenylldichlorarsine." *Journal of Pharmacology and Experimental Therapy. Supplement* 87 (1946), 81-84.
- (joint author) "The Effects and Treatment of Inhalation of Cadmium Chloride Aerosols in the Dog." *Journal of Industrial Hygiene and Toxicology* 29 (1947), 302-314.
- (joint author) "The Pathogenesis of the Renal Injury Produced in the Dog by Hemoglobin or Methemoglobin." *Journal of Experimental Medicine* 86 (1947), 339.
- (joint author) "The Electrical Properties of Synthetic Membranes." *Journal of General Physiology* 32 (1949), 453.
- (joint author) "Aqueous Humor as a Tissue Culture Nutrient." *Proceedings of the Society for Experimental Biology and Medicine* 77 (1951), 754.

SCHOOL OF MEDICINE

- (joint author) "The Transplantation of Tissues Between Zoological Classes." *Cancer Research* 13 (1953), 64.
- (joint author) "A Comparison of Growth Potentialities of Human Tumors in Tissue Culture and on Heterologous Transplantation." *Cancer Research* 13 (1953), 174.
- "Growing Cancer." *Yale Scientific Magazine* 28 (1953), 11.
- (joint author) "Pulmonary Infections Complicating Asian Influenza." *Archives of Internal Medicine* 103 (1959), 262.
- (joint author) "Experimental Inhalation Anthrax in the Chimpanzee." *American Journal of Pathology* 35 (1959), 1055-1065.
- (joint author) "Human Inhalation Anthrax. A Report of Three Fatal Cases." *American Journal of Pathology* 36 (1960), 457.
- (joint author) "Gastric Sarcoidosis." *Annals of Surgery* 153 (1961), 283-288.

Stuart, Edward G.

CHAPTERS AND SECTIONS

- "Tissue Reactions — Mechanisms of Action of Piromen and Desoxycorticosterone Acetate in Central Nervous System Regeneration." In *Regeneration in the Central Nervous System*. W. F. Windle (Ed.) Springfield, Ill.: C. C. Thomas, 1956.

ARTICLES

- "The Mast Cell Response to Administration of a Bacterial Pyrogen." *Journal of the National Cancer Institute* 10 (1950), 1375-1376.
- "Alterations in Connective Tissue Mast Cell Induced by Bacterial Pyrogens." *American Journal of Physiology* 164 (1950), 754.
- "Connective Tissue Mast Cell Responses to Bacterial Pyrogens, Ovalbumin and Cortisone." *Anatomical Record* 109 (1951), 351.
- "Accelerating Effect of Piromen in Contrast to Inhibitory Effect of Cortisone on the Arthus Phenomenon in Rabbits." (Abstract) *Federation Proceedings* 10 (1951), 133.
- (joint author) "Use of Desoxycorticosterone Acetate of Hyperheparinemia." *Proceedings of the Society for Experimental Biology and Medicine* 77 (1951), 550-551.

- (joint author) "Role of Adrenal Gland in Mechanism of Leukocyte Changes Upon Administration of Piromen." (Abstract) *American Journal of Physiology* 167 (1951), 810.
- "Comparative Alterations in Connective Tissue Mast Cells in Different Strains of Mice in Response to Carcinogens and Other Agents." (Abstract) *American Journal of Physiology* 167 (1951), 830.
- "Mast Cell Response to Anaphylaxis." *Anatomical Record* 112 (1952), 394.
- (joint author) "Survival Study of Thermally Injured Rats Treated with Piromen." *Proceedings of the Society for Experimental Biology and Medicine* 82 (1953), 39-42.

PEDIATRICS

Jones, Barbara

ARTICLES

- "Placental Parabiotic Circulation of Single Ovum Human Twins." *American Journal of Diseases of Children* 90 (1955), 519.
- (joint author) "Corticotropin (ACTH): An Adjunct to Exchange Transfusion Therapy in Erythroblastosis Fetalis." (Abstract) *American Journal of Diseases of Children* 92 (1956), 486-487.
- "The Relationship of Paranatal Experience of Oxygen Saturation in Newborn Infants." *Journal of Pediatrics* 49 (1956), 685-698.
- "Hemoglobin S—Hereditary Spherocytosis." *Journal of Pediatrics* 54 (1959), 375-378.
- (joint author) "Studies of Hemoglobins at Birth With Follow-Up Observations During Infancy." *American Journal of Diseases of Children* (Abstract) 98 (1959), 488-489.
- (joint author) "A Study of Erythropoietin in Two Types of Hemolytic Anemia — Erythroblastosis Fetalis and Sick Cell Anemia." *Journal of Pediatrics* 56 (1960), 752-758.

Klingberg, William G.

ARTICLES

- "Nephrocalcinosis and Pseudomonas Aeruginosa Pyelonephritis: Treatment with p-Aminomethylbenzenesulfonamide (Sulfamylon)." *Journal of Pediatrics* 35 (1949), 88-93.

- "Cases Presented to the St. Louis Children's Hospital During 1949." *Pediatrics* 35 (1949), 1-10.
- "Nephrolithiasis with Calcium Kidneys and Acidosis." *Pediatrics* 36 (1950), 1-10.
- "Generalized Convulsions and Childbirth." *Pediatrics* 36 (1950), 1-10.
- "Clinical Correlation of Children's Hospital." *Pediatrics* 38 (1951), 1-10.
- "Therapy of Children." *Journal of the Society for Experimental Biology and Medicine* 82 (1953), 39-42.
- (joint author) "Insulin Activity in Allergic Reaction." *Clinical Medicine* (joint author) "Circulation of Twins." *Journal of Diseases of Children* (1955), 519.
- "Clinical Use of Children." *Research in Mellitus in* (1955).
- (joint author) "ACTH: Transfusion in Erythroblastosis Fetalis." *Journal of Pediatrics* 92 (1956), 486-487.
- "Hemoglobin S—Hereditary Spherocytosis." *Journal of Pediatrics* (1959), 375-378.
- (joint author) "Studies of Hemoglobins at Birth With Follow-Up Observations During Infancy." (Abstract) *American Journal of Diseases of Children* (joint author) "Erythropoietin in Anemia and Sick Cell Anemia." *Pediatrics*

Lucas, R.

- (joint author) "The Reaction of the Elastin Nucleus." *Medical Research*

PHARMACOLOGY

Adrenal Gland
ocyte Changes
of Piromen."
Journal of
S10.
s in Connec-
in Different
ponse to Car-
agents." (Ab-
nal of Physi-

Anaphylaxis."
(1952), 394.
Study of
ats Treated
lings of the
ital Biology
, 39-42.

ulation of
ins." *Ameri-*
of Children

otropin
o Exchange
n Erythro-
act) *Ameri-*
of Children

anatal Ex-
uration in
al of Pedi-

Spherocy-
iatrics 54

Hemoglo-
ow-Up Ob-
y." *Ameri-*
of Children
38-489.

f Erythro-
Hemolytic
s Fetalis
" *Journal*
752-758.

seudomonas
s: Treat-
ylbenzene-
" *Journal*
8-93.

"Cases Presented at Conferences at the St. Louis Children's Hospital During 1949." *Journal of Pediatrics* 35 (1949), 633-647.

"Nephrolithiasis and Nephrocalcinosis with Calcium Oxalate Crystals in Kidneys and Bones." *Journal of Pediatrics* 36 (1950), 323-334.

"Generalized Histoplasmosis in Infants and Children." *Journal of Pediatrics* 36 (1950), 728-741.

"Clinical Conference, St. Louis Children's Hospital." *Journal of Pediatrics* 38 (1951), 635-653.

"Therapy of Acute Leukemia in Children." *Journal of Arkansas Medical Society* 48 (1952), 227-230.

(joint author) "Skin Test Responses to Insulin and Serum Antihormonal Activity in a Case of Combined Insulin Allergy and Resistance." (Abstract) *Journal of Laboratory and Clinical Medicine* 42 (1953), 791-792.

(joint author) "Placental Parabolic Circulation of Single Ovum Human Twins." (Abstract) *American Journal of Diseases of Children* 90 (1955), 519-520.

"Clinical Usage of Insulin in Diabetic Children." *Report of the M & R Pediatric Research Conference* (Diabetes Mellitus in Infants and Children) 12 (1955).

(joint author) "Corticotropin (ACTH): An Adjunct to Exchange Transfusion Therapy in Erythroblastosis Fetalis." (Abstract) *American Journal of Diseases of Children* 92 (1956), 486-487.

"Hemoglobin S—Hereditary Spherocytosis." *Journal of Pediatrics* 54 (1959), 375-378.

(joint author) "Studies of Hemoglobins at Birth With Follow-Up Observations During Infancy." (Abstract) *American Journal of Diseases of Children* 98 (1959), 488-489.

(joint author) "A Study of Erythropoietin in Two Types of Hemolytic Anemia — Erythroblastosis Fetalis and Sickle Cell Anemia." *Journal of Pediatrics* 56 (1960), 752-758.

Lucas, Russell V., Jr.

ARTICLES

(joint author) "Characterization of the Reaction Between Orcein and the Elastic Fibres of the Ligamentum Nuchae of the Horse." *Anatomical Record* 113 (1952), 197-214.

(joint author) "Significance of Pulmonary Pathology in Ventricular Septal Defect as Determined by Lung Biopsy." (Abstract) *American Journal of Diseases of Children* 94 (1957), 476.

(joint author) "Overwhelming Infections in Children Following Splenectomy." *Journal of Pediatrics* 57 (1960), 185-191.

(joint author) "Total Pulmonary Resistance in Normal Infants and Children." (Abstract) *American Journal of Diseases of Children* 100 (1960), 481-482.

(joint author) "Maturation of the Pulmonary Vascular Bed in Infants and Children: A Physiologic and Anatomic Correlation." *American Journal of Diseases of Children* 101 (1961), 467-475.

Phillips, Ruth M.

ARTICLES

"Spherocytosis and Increased Fragility Occurring in Erythroblastosis Fetalis Associated with ABO Incompatibility." *Pediatrics* 7 (1951), 164-171.

PHARMACOLOGY

Fleming, William W.

ARTICLES

(joint author) "Structure of the Intermediate Circulation of the Rat Spleen." *Angiology* 10 (1959), 28.

(joint author) "Effects of Topically Applied Epinephrine, Norepinephrine, Acetylcholine and Histamine on the Intermediate Circulation of the Mouse Spleen." *Angiology* 9 (1958), 294-302.

(joint author) "Action of Dichloroisoproterenol (DCI) on Dog Heart-Lung Preparations and on Isolated Guinea-Pig Atria." (Abstract) *Federation Proceedings* 18 (1959), 389.

(joint author) "The Actions of Dichloroisoproterenol in the Dog Heart-Lung Preparation and the Isolated Guinea Pig Atrium." *Journal of Pharmacology and Experimental Therapeutics* 129 (1960), 1-10.

(joint author) "Supersensitivity to Norepinephrine after Pre-treatment

SCHOOL OF MEDICINE

- with Reserpine." (Abstract) *Federation Proceedings* 19 (1960), 284.
- (joint author) "Suhsensitivity to Certain Sympathomimetics After Pre-treatment with Reserpine." (Abstract) *Federation Proceedings* 19 (1960), 284.
- (joint author) "Hyperglycemic Activity of Sympathomimetic Drugs in Adrenalectomized Rats." (Abstract) *Federation Proceedings* 20 (1961), 316.
- (joint author) "The Effect of Reserpine on the Sensitivity of the Rabbit Ileum to Sympathomimetics." (Abstract) *Federation Proceedings* 20 (1961), 316.

Kenny, Alexander D.

CHAPTERS AND SECTIONS

- (joint author) "Physiology and Chemistry of the Parathyroids." In *The Hormones*, Pincus and Thimann (Eds.) New York: Academic Press, 1955, Vol. III, pp.153-174.
- "Parathyroid Glands and Calcium Metabolism." In *World Review of Nutrition and Dietetics*. London: Pitman Medical Pub., 1960, Vol. II, pp. 157-183.
- "Citric Acid Production by Bone." In *The Parathyroids*, Greep, R. O. and Talmage, R. V. (Eds.) Springfield, Ill.: Charles C. Thomas, 1961, p.275.

ARTICLES

- (joint author) "Biological Assay of Calcium-Mobilizing Hormone (CMH) Based on Maintenance of Serum Calcium in Parathyroidectomized Rats." (Abstract) *Federation Proceedings* 12 (1953), 249.
- (joint author) "Estimation of the Content of Calcium-Mobilizing Hormone in the Blood of the Rat." (Abstract) *Journal of Dental Research* 32 (1953), 670.
- (joint author) "Colorimetric Analytical Methods for Neutral 17-ketosteroids of Urine." *Recent Progress in Hormone Research* 9 (1954), 135-161.
- (joint author) "Estimation of the Ratio of Phosphaturic and Calcium-Mobilizing Activities in Parathyroid Extracts." (Abstract) *Federation Proceedings* 13 (1954), 241.

- (joint author) "Restriction of Dietary Calcium Intake During the Period of Molar Calcification in the Suckling Rat." (Abstract) *Journal of Dental Research* 33 (1954), 676.
- (joint author) "Noninterference of Phosphate in an Ethylenediamine Tetraacetate Method for Serum Calcium." *Analytical Chemistry* 26 (1954), 1059.
- (joint author) "The Effects of Dietary Calcium Restriction and of Phosphate Administration on the Response of Parathyroidectomized Rats to Parathyroid Extract." (Abstract) *Journal of Dental Research* 34 (1955), 701.
- (joint author) "A Rapid and Precise Semimicro Method for the Analysis of Calcium." (Abstract) *Journal of Dental Research* 34 (1955), 714.
- (joint author) "Studies on Parathyroid Extract." (Abstract) *Journal of Clinical Endocrinology and Metabolism* 16 (1956), 978.
- "Suppression of Calcium-Mobilizing Activity of Parathyroid Extracts by Inorganic Phosphate." *Endocrinology* 60 (1957), 424-426.
- (joint author) "Calcium and Phosphorus Metabolism in the Rat." *Journal of Dental Research* 37 (1958), 432-443.
- (joint author) "Complexometric Titration of Calcium in the Presence of Magnesium." *Analytical Chemistry* 30 (1958), 1366-1368.
- (joint author) "A Method for the Biological Assay of Phosphaturic Activity in Parathyroid Extracts." *Endocrinology* 64 (1959), 513-521.
- "Evaluation of Sodium Poly-alpha, L-glutamate as a Plasma Expander." *Proceedings of the Society for Experimental Biology and Medicine* 100 (1959), 778-780.
- (joint author) "Citric Acid Production by Resorbing Bone in Tissue Culture." *American Journal of Physiology* 197 (1959), 502-504.
- (joint author) "Hyperglycemic Activity of 2,2'-hyppridine." (Abstract) *Federation Proceedings* 20 (1961), 182.
- (joint author) "Hyperglycemic Activity of Sympathomimetic Drugs in Adrenalectomized Rats." (Abstract) *Federation Proceedings* 20 (1961), 316.

PHARMACOLOGY

Robinson, Robert L.

ARTICLES

- (joint author) "Histamine and Anaphylaxis on Adrenal Medullary Secretion in Dogs." *American Journal of Physiology* 199 (1960), 429-432.
- (joint author) "Inhibition of Adrenal Medullary Epinephrine Output During Infusion of Epinephrine or Norepinephrine." (Abstract) *Federation Proceedings* 20 (1961), 182.

Saxe, LeRoy H.

ARTICLES

- (joint author) "Trypanosoma cruzi in the Treatment of Mouse Tumors." *Journal of the National Cancer Institute* 7 (1947), 189-197.
- "Electron Microscope Observations of Flagellated Protozoa." (Abstract) *Anatomical Record* 99 (1947), 131.
- (joint author) "The Effects of Oxygen Tension on Plasmodium gallinaceum Malaria in Chicks." *Journal of Infectious Diseases* 82 (1948), 1-4.
- (joint author) "A Trichomonas Hominis-Like Flagellate with Four Anterior Flagella from Certain Rodents." (Abstract) *Anatomical Record* 101 (1948), 8.
- (joint author) "Trichomonas microti, N. Sp. (Protozoa, Mastigophora)." *Journal of Parasitology* 36 (1950), 261-269.
- (joint author) "The Distribution of Trichomonas muris in the Gut of the Golden Hamster (Mesocricetus auratus)." (Abstract) *Proceedings of the American Society of Protozoologists* 1 (1950), 6-7.
- "Transfaunation Studies on the Host-Specificity of the Enteric Protozoa of Rodents." (Abstract) *Journal of Parasitology* 36, 6, Sec. 2 (1950), 21-22.
- (joint author) "Results of the Catherwood-Chaplin West Indies Expedition. 1948 Part V Amphibians and Reptiles of San Andrés and Providencia." *Proceedings of the Academy of Natural Sciences, Philadelphia* 102 (1950), 141-165.
- (joint author) "Studies on the Host-Specificity of the Enteric Protozoa of Rodents." (Abstract) *Journal of Parasitology* 37, 5, Sec. 2 (1951), 10.
- (joint author) "Observations on the Protozoa of Larval Tipula trivittata." (Abstract) *Proceedings of the Society of Protozoologists* 3 (1952), 13.
- "Observations on Coccidia from Microtus pennsylvanicus." *Proceedings of the Society of Protozoologists* 3 (1952), 13.
- (joint author) "Studies on the Morphology and Host-Specificity of Pentatrichomonas hominis." (Abstract) *Journal of Parasitology* 38, 4, Sec. 2, Suppl. (1952), 14.
- (joint author) "Trimitus parvus Grassé (Protozoa, Mastigophora) from a Garter Snake, Thamnophis radix." *Proceedings of the Iowa Academy of Science* 60 (1954), 754-758.
- "The Enteric Protozoa of Laboratory Golden Hamsters." (Abstract) *Journal of Parasitology* 40, 5, Sec. 2 (1954), 20.
- "Transfaunation Studies on the Host-Specificity of the Enteric Protozoa of Rodents." *Journal of Protozoology* 1 (1954), 220-230.
- (joint author) "Electron Microscope Observations of Trypanosoma equiperdum." (Abstract) *Journal of Protozoology* 2, Suppl. (1955), 11.
- "Observations on Eimeria from Ambystoma tigrinum, with Descriptions of Four New Species." *Proceedings of the Iowa Academy of Science* 62 (1955), 663-673.
- (joint author) "Electron Microscope Observations of Trypanosoma equiperdum." *Journal of Parasitology* 42 (1956), 11-16.
- (joint author) "Quantitative Action of Parasiticides." (Abstract) *Federation Proceedings* 17 (1958), 409.
- (joint author) "Population Changes in the Cecal Protozoa of Rats Treated with Chloramphenicol." (Abstract) *Journal of Protozoology* 5, Suppl. (1958), 9.
- (joint author) "Application of the Peterson Technique of Cecal Cannulation to Chemotherapeutic Studies." (Abstract) *Journal of Parasitology* 44, 4, Sec. 2 (1958), 20.
- (joint author) "Cannulation of the Colon as an Aid to the Study of Canine Amebiasis." (Abstract) *Journal of Parasitology* 45, 4, Sec. 2 (1959), 51.
- (joint author) "A Student Laboratory Experiment in Chemotherapy." *Journal of Medical Education* 34 (1959), 1098-1100.

SCHOOL OF MEDICINE

(joint author) "New Species of Coccidia from the Meadow Mouse, *Microtus pennsylvanicus*." *Journal of Protozoology* 7 (1960), 61-63.

BOOK REVIEWS

Gaddum, J. H., *Pharmacology*. (Fifth Ed.) In *American Journal of Pharmaceutical Education* 23 (1959), 489.

Wilson, A. and Schild, H. O., *Applied Pharmacology* (Clark). (Ninth Ed.) In *American Journal of Pharmaceutical Education* 24 (1960), 128.

Watts, Daniel T.

ARTICLES

(joint author) "Laboratory Test of Aviator's Ejection Seat." *Science* 105 (1947), 583-585.

(joint author) "Tolerance to Vertical Acceleration Required for Seat Ejection." *Journal of Aviation Medicine* 18 (1947), 554-564.

"Effect of Some Central Nervous System Stimulants and Depressants on the Activity of Succinic Dehydrogenase." (Abstract) *Federation Proceedings* 7 (1948), 263.

"Inhibitions of Succinic Oxidase System by Meperidine, Methadone, Morphine and Codeine." *Journal of Pharmacology and Experimental Therapeutics* 95 (1949), 117.

"Effect of Local Anesthetics on Respiration of Brain Homogenates." (Abstract) *Federation Proceedings* 8 (1949), 343.

"Isomers of Methadon and Isomethadon and Respiration of Brain Homogenates." (Abstract) *Federation Proceedings* 8 (1949), 343.

"The Effect of Local Anesthetics on the Respiration of Brain Homogenates." *Journal of Pharmacology and Experimental Therapeutics* 96 (1949), 325.

"Effect of d-and l-methadone on Blood Glucose and Lactate of Dog." (Abstract) *Federation Proceedings* 9 (1950), 323.

"The Effect of Methadone Isomers on the Respiration of Brain Homogenates." *Archives of Biochemistry and Biophysics* 25 (1950), 201.

"Effect of Methanol, Formaldehyde and Formic Acid on Tissue Respiration." (Abstract) *Federation Proceedings* 10 (1951), 343.

"The Effect of Methadone Isomers, Morphine and Pentobarbital on the Blood Glucose of Dogs." *Journal of Pharmacology and Experimental Therapeutics* 102 (1951), 269.

"Intratracheal Pressure in Insect Respiration." *Annals of the Entomological Society of America* 44 (1951), 527.

"The Effect of Methanol, Formaldehyde and Formic Acid on Tissue Respiration." *Archives of Biochemistry and Biophysics* 34 (1951), 391.

"The Stimulation of Uterine Muscle by Adenosine Triphosphate." *Journal of Pharmacology and Experimental Therapeutics* 106 (1952), 423.

"Effect of Adrenergic Blocking Agents on Ether Hyperglycemia in Rabbits." (Abstract) *Federation Proceedings* 11 (1952), 400.

"The Effect of Morphine and Pentobarbital on Ether Hyperglycemia." *Anesthesiology* 13 (1952), 33.

"Adrenalectomy and Ether Hyperglycemia in Rats." (Abstract) *Federation Proceedings* 12 (1953), 378.

(joint author) "Ether Hyperglycemia as Influenced by Premedication and Pentothal Induction." *Anesthesiology* 14 (1953), 18.

"The Stimulation of Uterine Muscle by Adenosine Triphosphate." *American Journal of Physiology* 173 (1953), 291.

(joint author) "A Simple Apparatus for Determining Basal Metabolism of Small Animals in the Student Laboratory." *Proceedings of the Society for Experimental Biology and Medicine* 84 (1953), 585.

"Epinephrine in Circulating Plasma During Ether Anesthesia and Asphyxia." (Abstract) *Federation Proceedings* 13 (1954), 415.

"Inhibition of Ether Hyperglycemia by Adrenergic Blocking Agents." *Anesthesie et Analgesie* 33 (1954), 343.

(joint author) "Effect of Pentothal and Pentothal Plus Nitrous Oxide-oxygen Anesthesia Upon Blood Sugar Levels in Man." *Anesthesiology* 16 (1955), 235.

(joint author) "Blood Epinephrine Levels in Dogs Following the Intravenous Administration of Nicotine Sulfate." (Abstract) *Federation Proceedings* 14 (1955), 358.

"Epinephrine in the Circulating Blood During Ether Anesthesia." *Journal*

of Pharm
Therape
(joint aut
Urinary
Norepine
Federati
496.
"Blood Ep
Durin
sion." J
Experim
(1956),
(joint aut
phrine
Hemorr
nal of
mental
"Arterial
During
in Dog
siology
(joint a
Levels
venous
Archiv
macod
(1956)
(joint a
on Ur
and N
nal of
275-27
(joint a
the E
Peripl
nation
de TH
(joint
Level
of Blo
in Do
for E
cine
(joint
Epine
venou
teria
ceedi
"Use o
Hype
ical
(joint
Leve
fusio
Shoc
of P
Ther
(joint
tion
rhae
mac

PHYSIOLOGY

- chadone Isomers, barbitol on the Dogs." *Journal of Experimental Medicine* 151 (1951), 269.
- re in Insect Respiration of the Entomomorphology 44 (1951), 269.
- anol, Formaldehyde on Tissue Respiration of Biochemistry 34 (1951), 391.
- Uterine Muscle Phosphate." *Journal of Experimental Medicine* 106 (1952), 423.
- Blocking Agents in Rabbits." *Proceedings of the Federation of American Societies for Experimental Biology* 18 (1957), 275-278.
- ne and Pentobarbital Hyperglycemia." *Journal of Experimental Medicine* 151 (1951), 269.
- Ether Hyperglycemia (Abstract) *Federation Proceedings* 16 (1957), 334.
- r Hyperglycemia Medication and Anesthesia." *Anesthesiology* 44 (1955), 203.
- Uterine Muscle Phosphate." *American Journal of Physiology* 173 (1952), 33.
- ple Apparatus for Measuring Basal Metabolism in the Student Body." *Annals of the New York Academy of Science* 90 (1960), 74-80.
- 585.
- ulating Plasma Protein Synthesis and Anesthesia." *Federation Proceedings* 16 (1957), 334.
- Hyperglycemia Blocking Agents." *Anesthesiology* 44 (1955), 203.
- ct of Pentobarbital Nitrous Oxide on Blood Sugar." *Anesthesiology* 44 (1955), 203.
- od Epinephrine Following the Intravenous Administration of Nicotine." *Federation Proceedings* 16 (1957), 334.
- circulating Blood Protein Synthesis." *Journal of Experimental Medicine* 151 (1951), 269.
- of Pharmacology and Experimental Therapeutics 114 (1955), 203.
- (joint author) "Effect of Smoking on Urinary Output of Epinephrine and Norepinephrine in Man." (Abstract) *Federation Proceedings* 15 (1956), 496.
- "Blood Epinephrine Levels in the Dog During Hemorrhagic Hypotension." *Journal of Pharmacology and Experimental Therapeutics* 113 (1956), 53.
- (joint author) "Arterial Blood Epinephrine Levels During Irreversible Hemorrhagic Shock in Dogs." *Journal of Pharmacology and Experimental Therapeutics* 116 (1956), 60.
- "Arterial Blood Epinephrine Levels During Hemorrhagic Hypotension in Dogs." *American Journal of Physiology* 184 (1956), 271-274.
- (joint author) "Blood Epinephrine Levels in Dogs Following the Intravenous Administration of Nicotine." *Archives Internationales de Pharmacodynamie et de Therapie* 105 (1956), 403-411.
- (joint author) "Effect of Smoking on Urinary Output of Epinephrine and Norepinephrine in Man." *Journal of Applied Physiology* 9 (1956), 275-278.
- (joint author) "A Rapid Bioassay for the Estimation of Epinephrine in Peripheral Blood." *Archives Internationales de Pharmacodynamie et de Therapie* 111 (1957), 123-133.
- (joint author) "Blood Epinephrine Levels and Automatic Reinfusion of Blood During Hemorrhagic Shock in Dogs." *Proceedings of the Society for Experimental Biology and Medicine* 96 (1957), 609-612.
- (joint author) "Peripheral Blood Epinephrine Levels Following Intravenous Administration of the Material." (Abstract) *Federation Proceedings* 16 (1957), 334.
- "Use of Drugs in the Treatment of Hypertension." *West Virginia Medical Journal* 53 (1957), 1-10.
- (joint author) "Blood Epinephrine Levels During Spontaneous Reinfusion of Blood in Hemorrhagic Shock in Dogs." (Abstract) *Journal of Pharmacology and Experimental Therapeutics* 122 (1958), 81A-82A.
- (joint author) "Epinephrine Secretion and Destruction During Hemorrhagic Hypotension in Dogs." *Pharmacologist* 1 (1959), 57.
- (joint author) "Epinephrine Levels in the Peripheral Blood During Irreversible Hemorrhagic Shock in Dogs." *Circulation Research* 7 (1959), 192-195.
- (joint author) "Peripheral Blood Epinephrine Levels in Dogs During Intravenous Infusion." *American Journal of Physiology* 196 (1959), 145-148.
- (joint author) "Catecholamine Excretion in Men Exposed to Cold." *Journal of Applied Physiology* 15 (1960), 499-500.
- (joint author) "The Use of Epinephrine in Local Anesthetics for Dental Patients with Cardiovascular Disease: a Review of the Literature." *Journal of Oral Surgery, Anesthesia and Hospital Dental Service* 18 (1960), 42-53.
- "The Effect of Nicotine and Smoking on the Secretion of Epinephrine." *Annals of the New York Academy of Science* 90 (1960), 74-80.
- (joint author) "The Effect of Reserpine on the Cardiovascular Response to Smoking." (Abstract) *Federation Proceedings* 20 (1961), 89.
- (joint author) "Inhibition of Adrenal Medullary Epinephrine Output During Infusion of Epinephrine or Norepinephrine." (Abstract) *Federation Proceedings* 20 (1961), 182.

PHYSIOLOGY

Gladfelter, Wilbert E.

ARTICLES

- (joint author) "EEG Recorded from Components of Hypothalamic Feeding Centers." *American Journal of Physiology* 183 (1955), 637-638.
- "The Effect of Hypothalamic Lesions on the Spontaneous Locomotor Activity of the Rat." (Abstract) *Federation Proceedings* 20 Pt. 1 (1961), 334.

Lindsay, Hugh A.

ARTICLES

- (joint author) "The Nucleolus-Associated Chromatin in Nerve Cells of Cat and Man." *Anatomical Record* 106 (1950), 299.
- (joint author) "The Morphology of the Nerve Cell Nucleus, According to

SCHOOL OF MEDICINE

- Sex." *Anatomical Record* 107 (1950), 283.
- (joint author) "Behaviour of the Sex-Influenced Chromatin During Restoration of Nissl Material Following Chromatolysis." *Journal of the National Cancer Institute* 12 (1951), 244.
- (joint author) "Further Observations on the Behaviour of Nuclear Structures During Depletion and Restoration of Nissl Material." *Journal of Anatomy* 89 (1955), 48.
- (joint author) "A Comparison of Optical and Manometric Methods for the Assay of Human Serum Cholinesterase." *Canadian Journal of Biochemistry and Physiology* 33 (1955), 568.
- (joint author) "Abnormal Behaviour of Human Serum Cholinesterase." *Journal of Pharmacology and Experimental Therapeutics* 116 (1956), 34.
- "Serum Cholinesterase Activity in Thymectomized Rats." *Proceedings of the Society for Experimental Biology and Medicine* 94 (1957), 777.
- "Aromatic Esterase in Human Serum." *Physiologist* 1 (1957), 55.
- (joint author) "Serum Cholinesterase in Normal and Hypothyroid Dogs." (Abstract) *Federation Proceedings* 18 (1959), 94.
- (joint author) "Electrical Potentials Between Genital Tract and Abdominal Wall." (Abstract) *Federation Proceedings* 20, Pt. 1 (1961), 417.

Northup, David W.

ARTICLES

- (joint author) "The Rate of Progress of Inert Material Through the Small Intestine." *Gastroenterology* 5 (1945), 37.
- (joint author) "The Effect of Glucose on the Motility of the Stomach and Small Intestine." *Gastroenterology* 7 (1946), 218.
- (joint author) "The Effect of Chloral Hydrate on Gastric Emptying in Man." (Abstract) *Federation Proceedings* 5 (1946), 77.
- (joint author) "The Effect of Anoxic Anoxia on Urine Secretion in Anesthetized Dogs." *American Journal of Physiology* 147 (1946), 616-621.
- (joint author) "Effect of Anemic Anoxia on Absorption of Isotonic Magnesium Sulfate from the Small Intestine." *Proceedings of the Society for Experimental Biology and Medicine* 64 (1947), 62-64.
- (joint author) "Comparative Study of Anesthetic Agents on Propulsive Motility of the Small Intestine." *Gastroenterology* 8 (1947), 82-89.
- (joint author) "Effect of Stimulation of the Carotid Sinus Region on Absorption of Chloride From the Small Intestine." *American Journal of Physiology* 150 (1947), 149-152.
- (joint author) "Systemic Blood Pressure as a Factor in Absorption From the Small Intestine." *American Journal of Physiology* 150 (1947), 466-470.
- (joint author) "The Null Effect of Hemorrhage in Intestinal Absorption of Chlorides in the Presence of Sulfate." *Proceedings of the Society for Experimental Biology and Medicine* 66 (1947), 260-262.
- (joint author) "The Effect of Anoxic Anoxia on the Propulsive Motility of the Small Intestine." *Proceedings of the Society for Experimental Biology and Medicine* 67 (1948), 331-332.
- (joint author) "The Effect of Central Nervous Depressants on the Emptying Time of the Human Stomach." *Journal of Pharmacology and Experimental Therapeutics* 93 (1948), 208-209.
- (joint author) "Blood Sugar and Dextrose Tolerance During Anoxia in the Dog." *American Journal of Physiology* 154 (1948), 423-427.
- (joint author) "Blood Sugar Response to Anoxia During Acclimatization." *American Journal of Physiology* 155 (1948), 10-14.
- (joint author) "Effect of Increased Carbon Dioxide in Inspired Air on Gastric Emptying in Dogs." *American Journal of Physiology* 155 (1948), 471.
- (joint author) "Effect of Carbon Dioxide on Intestinal Motility." *American Journal of Physiology* 158 (1949), 119-121.
- (joint author) "A Comparison of the Propulsive Motility of the Small Intestine in Adult Dogs and Pups." *American Journal of Physiology* 158 (1949), 201-204.
- (joint author) "Combined Effect of Anoxic Anoxia and Cocaine on Blood Sugar and Hemoglobin." (Abstract) *Federation Proceedings* 9 (1950), 122.

Findings of the Social Biology and
(), 62-64.

- ned Effect of
caine on Blood
1." (Abstract)
gs 9 (1950).

SCHOOL OF MEDICINE

- (joint author) "Effect of Glucagon on Propulsive Motility of Rat Small Intestine." (Abstract) *Federation Proceedings* 17 (1958), 157.
- (joint author) "Effect of Hypoxia and Nitrous Oxide on Uterus of Estrogenized Dogs." (Abstract) *Federation Proceedings* 17 (1958), 167.
- (joint author) "Effect of Methimazole on the Dry Weight of the Rat Heart." *Physiologist* 2 (1959), 112.
- (joint author) "Effect of Gastric Emptying Upon Propulsive Motility of Small Intestine of Rats." *Proceedings of the Society for Experimental Biology and Medicine* 101 (1959), 582.
- (joint author) "Weight of the Adrenal Glands of Cats." *Proceedings of the Society for Experimental Biology and Medicine* 104 (1960), 668-669.
- (joint author) "Cardiac Hypertrophy Due to Hypoxia in Male and Female Rats." (Abstract) *Federation Proceedings* 19 (1960), 111.
- "The Relation of Timed Vital Capacity to Maximum Breathing Capacity." *West Virginia Medical Journal* 56 (1960), 340.

BOOK REVIEWS

- Alfred C. Kinsey, Wardell B. Pomeroy, and Clyde E. Martin, *Sexual Behavior in the Human Male*. In *West Virginia Medical Journal* 44, 2 (1948), xxx-xxxi.
- Morris Fishbein, and Earnest W. Burgess, *Successful Marriage*. In *West Virginia Medical Journal* 44, 7 (1948), xxvi-xxvii.
- C. Donald Turner, *General Endocrinology*. In *West Virginia Medical Journal* 44, 10 (1948), xxvii-xxviii.
- Louis S. London, and Frank S. Caprio, *Sexual Deviations*. In *West Virginia Medical Journal* 46, 7 (1950), xxv-xxvi.
- S. A. Lewin and John Gilmore, *Sex Without Fear*. In *West Virginia Medical Journal* 46, 9 (1950), xxvii.
- William A. Sodeman, *Pathologic Physiology*. In *West Virginia Medical Journal* 46, 12 (1950), xxix-xxxii.
- Robert S. Schwab, *Electroencephalography in Clinical Practices*. In *West Virginia Medical Journal* 47, 7 (1951), xxx-xxxi.
- Errett C. Albritton, *Standard Values in Blood*. In *West Virginia Medical Journal* 49, 1 (1953), xxiv.
- Alfred C. Kinsey, Wardell B. Pomeroy, Clyde C. Martin, and Paul H. Gib-

bard, *Sexual Behavior in the Human Female*. In *West Virginia Medical Journal* 50, 4 (1954), xxx-xxxi.

Edward T. Yorke, *Salt and the Heart*. In *West Virginia Medical Journal* 50, 5 (1954), xxxvii-xxxix.

Edward Podolsky, *Management of Addictions*. In *West Virginia Medical Journal* 52, 1 (1956), xxxv-xxxvi.

Penrod, Kenneth E.

REPORTS

- (joint author) *Observations on the Pathologic-Physiology in the Hypothermic Dog*. United States Air Force Technical Report 5912, 1950, 108pp.
- (joint author) *Considerations for Improvements in Altitude Suits*. United States Air Force Technical Report 6026, 1950.
- (joint author) *Status of Research in Underwater Physiology*. National Academy of Sciences—National Research Council Report, Serial Number NRC:CUW:6222, 1956, 32pp.

CHAPTERS AND SECTIONS

- Table Number 94, "Blood Gases: Man." 1p. Table Number 95, "Arterial Blood Gases, O₂ and CO₂, at Altitude: Man." 2pp. In *Standard Values in Blood*, Errett C. Albritton (Ed.). Philadelphia: W. B. Saunders, 1952.

ARTICLES

- (joint author) "Magnitude and Duration of Opening Parachute Shock." *Air Surgeon's Bulletin* 2 (1945), 35-37.
- (joint author) "Parachute Shock Forces." *Air Surgeon's Bulletin* 2 (1945), 350-355.
- "Ventilation Rates of Sealed Aircraft Cabins." *Bulletin of the United States Army Medical Department* 7 (1947), 460-465.
- (joint author) "The Rate of Descent of Parachutes from Various Altitudes." *Journal of the Aeronautical Sciences* 14 (1947), 303-310.
- (joint author) "The Effect of Pentothal Sodium on Blood Gas Transport." (Abstract) *Federation Proceedings* 6 (1947), 178.
- "Chronic Toxicity of Hexachlorocyclohexane and its Gamma-isomers (Gammexane) in Rats." (Abstract) *Federation Proceedings* 6 (1947), 178.

PHYSIOLOGY

- (joint author) "Effect of Pentothal Sodium on Blood Gas Transport." *American Journal of Physiology* 153 (1948), 81-86.
- (joint author) "Man's Ceiling as Determined in the Altitude Chamber." *Journal of Applied Physiology* 1 (1948), 409-417.
- (joint author) "Man's Ceiling in the Altitude Chamber." *American Journal of Physiology* 155 (1948), 433-434.
- (joint author) "The Relationship of Hypothermia to High Oxygen Poisoning." *American Journal of Physiology* 156 (1949), 177-181.
- (joint author) "The Thyroid and High Oxygen Poisoning in Rats." *American Journal of Physiology* 156 (1949), 182-184.
- "Oxygen Consumption and Cooling Rates in Immersion Hypothermia in the Dog." *American Journal of Physiology* 157 (1949), 436-444.
- (joint author) "Bromsulphalein Removal Rates During Hypothermia in the Dog." *American Journal of Physiology* 159 (1949), 365-368.
- (joint author) "Effect of Altered Metabolism on Extreme Hypothermia in Dogs and Albino Rats." (Abstract) *Federation Proceedings* 8 (1949), 170.
- (joint author) "The Effect of Immersion Hypothermia on Cardiac Output." (Abstract) *Federation Proceedings* 8 (1949), 134.
- (joint author) "Studies of Blood Gas Content of Dogs During Immersion Hypothermia." (Abstract) *Federation Proceedings* 8 (1949), 126.
- (joint author) "Factors Affecting the Rate of Cooling in Immersion Hypothermia in the Dog." *American Journal of Physiology* 163 (1950), 580-584.
- "Oxygen Partial Pressures During Hypothermia in the Dog." (Abstract) *Federation Proceedings* 9 (1950), 99.
- "Cardiac Oxygenation During Severe Hypothermia in the Dog." *American Journal of Physiology* 164 (1951), 79-85.
- (joint author) "Blood Gas Studies in the Hypothermic Dog." *American Journal of Physiology* 166 (1951), 55-61.
- "Cardiac Activity in Hypothermia." *Journal of the Elisha Mitchell Scientific Society* (N. C. Academy of Science) 67 (1951), 176-179.
- "Red Cell Volume, Water Content and Oxygen Capacity of Blood Expelled from the Spleen of the Dog by Epinephrine." *American Journal of Physiology* 171 (1952), 233-237.
- "Oxygen Capacity, Volume and Water Content of Erythrocytes from the Spleen of the Dog." (Abstract) *Federation Proceedings* 11 (1952), 120-121.
- (joint author) "The Hematocrit and Hemoglobin Response of Blood Donors." *Journal of Aviation Medicine* 24 (1953), 227-229.
- "A Possible Metabolic Factor in Oxygen Toxicity." (Abstract) *Federation Proceedings* 12 (1953), 108.
- "Metabolic Factors in Oxygen Toxicity." (Abstract) *Federation Proceedings* 13 (1954), 109.
- (joint author) "The Responsibility of the Premedical Adviser." *Association of Southern Biologists Bulletin* 2 (1955), 51-54.
- "The Effect of Short Periods of Nitrogen Breathing on Oxygen Toxicity." *American Journal of Physiology* 183 (1955), 650-651.
- (joint author) "The Treatment of Postural Hypotension with a Counterpressure Garment." *Journal of American Medical Association* 161 (1956), 132-135.
- "The Nature of Pulmonary Damage Produced by High Oxygen Pressures." *Journal of Applied Physiology* 9 (1956), 1-4.
- "The Effect of Intermittent Nitrogen Exposure on the Tolerance to Oxygen at High Pressures." *American Journal of Physiology* 186 (1956), 149-151.
- "Pulmonary Damage in High Oxygen Pressure." (Abstract) *Federation Proceedings* 15 (1956), 143.
- "Factors in OHP Pulmonary Damage." (Abstract) *Federation Proceedings* 16 (1957), 100.
- "Toxicity of High Oxygen Pressures." *Journal of the Elisha Mitchell Scientific Society* (N. C. Academy of Science) 74 (1958), 82-85.
- "Observation on Lung Damage by Oxygen Using Differential Catheterization." (Abstract) *Federation Proceedings* 17 (1958), 123.
- "West Virginia University School of Medicine—The Challenge." *West Virginia Medical Journal* 55 (1959), 335-337.

SCHOOL OF MEDICINE

- "A Medical Center for the 60's." *West Virginia Medical Journal* 56 (1960), 483-485.
- (joint author) "Our Future Doctors (The Medical School Admissions Picture Today)." *West Virginia Medical Journal* 56 (1960), 486-489.
- "A Modern Medical Center is Born." *Journal of Medical Education* 36 (1961), 393-397.

Stickney, J. Clifford

CHAPTERS AND SECTIONS

- (joint author) "The Effects of Exercise Upon the Function of the Gastrointestinal Tract." In *Science and Medicine of Exercise and Sports*. Warren R. Johnson (Ed.) New York: Harper, 1960, 236-250.

ARTICLES

- (joint author) "The Rate of Progress of Inert Material Through the Small Intestine." *Gastroenterology* 5 (1945), 37-42.
- "Effect of Anoxic Anoxia on Body Weight Loss in Rats." *Proceedings of the Society for Experimental Biology and Medicine* 63 (1946), 210-212.
- (joint author) "The Effect of Anoxic Anoxia on Urine Secretion in Anesthetized Dogs." *American Journal of Physiology* 147 (1946), 616-621.
- (joint author) "Effect of Anemic Anoxia on Absorption of Isotonic Magnesium Sulfate From the Small Intestine." *Proceedings of the Society for Experimental Biology and Medicine* 64 (1947), 62-64.
- (joint author) "Comparative Study of Anesthetic Agents on Propulsive Motility of the Small Intestine." *Gastroenterology* 8 (1947), 82-89.
- (joint author) "The Effect of Stimulation of the Carotid Sinus Region on Absorption of Chloride from the Small Intestine." *American Journal of Physiology* 150 (1947), 149-152.
- (joint author) "Systemic Blood Pressure as a Factor in the Absorption of Saline from the Small Intestine." *American Journal of Physiology* 150 (1947), 466-470.
- (joint author) "The Null Effect of Hemorrhage on Intestinal Absorption of Chloride in the Presence of Sulfate." *Proceedings of the Society for Experimental Biology and Medicine* 66 (1947), 260-262.
- (joint author) "Effect of Anoxic Anoxia on Propulsive Motility of the Small Intestine." *Proceedings of the Society for Experimental Biology and Medicine* 67 (1948), 331-332.
- (joint author) "Blood Sugar and Dextrose Tolerance During Anoxia in the Dog." *American Journal of Physiology* 154 (1948), 423-427.
- (joint author) "Effect of Increased Carbon Dioxide in Inspired Air on Gastric Emptying in Dogs." *American Journal of Physiology* (Proceedings) 155 (1948), 471.
- (joint author) "Blood Sugar Response to Anoxia During Acclimatization." *American Journal of Physiology* 155 (1948), 10-14.
- (joint author) "Sex Differences in Blood Pressure of Dogs." *Science* 109 (1949), 489.
- (joint author) "Effect of Carbon Dioxide on Intestinal Motility." *American Journal of Physiology* 158 (1949), 119-121.
- (joint author) "A Comparison of the Propulsive Motility of the Small Intestine in Adult Dogs and Pups." *American Journal of Physiology* 158 (1949), 201-204.
- (joint author) "Combined Effect of Anoxic Anoxia and Cocaine on Dog Blood Sugar and Hemoglobin" (Abstract) *Federation Proceedings* 9 (1950), 122.
- (joint author) "Studies on Effect of Anoxic Anoxia on Goat Blood Sugar." (Abstract) *Federation Proceedings* 9 (1950), 122.
- (joint author) "The Effect of Acclimatization on the Propulsive Motility of the Small Intestine During Anoxia." *Proceedings of the Society for Experimental Biology and Medicine* 76 (1951), 102-103.
- (joint author) "Effect of Anoxia on Intestine of Albino and Hooded Rats." (Abstract) *Federation Proceedings* 10 (1951), 98-99.
- (joint author) "Effect of Anoxia on Intestinal Motility and on Blood Sugar in Pups." *American Journal of Physiology* 167 (1951), 103-107.
- (joint author) "Effect of dl-Amphetamine Sulfate and its Isomers on Intestinal Motility." *Journal of Pharmacology and Experimental Therapeutics* 103 (1951), 187-189.
- (joint author) "Correlation Between Propulsive Motility and Length of the Small Intestine in Albino Rats

and Dogs." *Physiology*

(joint author) Hemoglobin Sheep and tion." *Am ology* 167

(joint author) dine on F Small Inte Federation 155.

(joint author) Tetraethy Motility of can Jou (1952), 3

(joint author) Low Ox ical Rev

(joint author) Decompr of Phys

(joint author) (Searle) Propulsive Intestine Proceed

(joint author) Alkaloid Morphine and of tility of chives dynam 469-475

(joint author) Without Ambien tion R

(joint author) Small Stress ology

(joint author) Sex, Weight Dog." (1957

(joint author) Norep Prop Intes

(joint author) Prop Intes Proc

(joint author) in M olog

PHYSIOLOGY

- ct of Anoxic An-
Motility of the
proceedings of the
Experimental Biology
(1948), 331-332.
- Sugar and Dex-
tering Anoxia in
Journal of Phys-
23-427.
- ct of Increased
Inspired Air on
n Dogs." *Ameri-
cology* (Proceed-
71.
- Sugar Response
Acclimatization."
Physiology 155
- Differences in
Dogs." *Science*
- ect of Carbon
inal Motility."
Physiology 158
- parison of the
of the Small
ogs and Pups."
Physiology 158
- ined Effect of
Cocaine on Dog
noglobulin" (Ab-
Proceedings 9
- s on Effect of
Goat Blood
ederation Pro-
2.
- ect of Acclima-
ulsive Motility
e During An-
The Society for
and Medicine
- of Anoxia on
and Hooded
ederation Pro-
98-99.
- of Anoxia on
nd on Blood
rican Journal
1951), 103-107.
- f dl-Ampheta-
Isomers on
Journal of
Experimental
, 187-189.
- tion Between
d Length of
Albino Rats
- and Dogs." *American Journal of
Physiology* 167 (1951), 399-402.
- (joint author) "Blood Sugar and
Hemoglobin Responses to Anoxia in
Sheep and the Effect of Acclimatiza-
tion." *American Journal of Physi-
ology* 167 (1951), 559-562.
- (joint author) "'Veriloid' and Ceva-
dine on Propulsive Motility of the
Small Intestine in Dogs." (Abstract)
Federation Proceedings 11 (1952),
155.
- (joint author) "Effect of Atropine,
Tetraethylammonium and Bentlyl on
Motility of Small Intestine." *Ameri-
can Journal of Physiology* 171
(1952), 513-515.
- (joint author) "Acclimatization to
Low Oxygen Tension." *Physiolog-
ical Reviews* 33 (1953), 13-34.
- (joint author) "Rat LD₅₀ in Explosive
Decompression." *American Journal
of Physiology* 172 (1953), 347-350.
- (joint author) "Effect of 'SC-3171'
(Searle) and Pavatrine (Searle) on
Propulsive Motility of Dog Small
Intestine." (Abstract) *Federation
Proceedings* 12 (1953), 138.
- (joint author) "The Effect of the
Alkaloids: Nicotine, Papaverine,
Morphine and N-allylnormorphine
and of Carbachol on Propulsive Mo-
tility of the Small Intestine." *Ar-
chives Internationales de Pharmac-
odynamie et de Therapie* 101 (1955),
469-475.
- (joint author) "Cardiac Dilatation
Without Hypertrophy from Reduced
Ambient Pressure in Rats." *Circula-
tion Research* 4 (1956), 217-219.
- (joint author) "Resistance of the
Small Intestine (Motility) Against
Stress." *Journal of Applied Physi-
ology* 9 (1956), 484-486.
- (joint author) "The Effect of Age,
Sex, and Body Size on the Heart
Weight-Body Weight Ratio in the
Dog." *Anatomical Record* 128
(1957), 411-418.
- (joint author) "Effect of Epinephrine,
Norepinephrine and Serotonin on
Propulsive Motility of Rat Small
Intestine." *Physiologist* 1 (1957), 80.
- (joint author) "Effect of Glucagon on
Propulsive Motility of Rat Small
Intestine." (Abstract) *Federation
Proceedings* 17 (1958), 157.
- (joint author) "Erythropoietic Factor
in Milk of 'Altitude' Goats." *Physi-
ologist* 1 (1958), 76.
- (joint author) "Effect of Methimazole
on the Dry Weight of the Rat
Heart." *Physiologist* 2 (1959), 112.
- (joint author) "Effect of Gastric Emp-
tying Upon Propulsive Motility of
Small Intestine of Rats." *Proceed-
ings of the Society for Experimental
Biology and Medicine* 101 (1959),
582-583.
- (joint author) "Ray Assay of Erythro-
poietic Factor in Milk of 'Altitude'
Goats." (Abstract) *Federation Pro-
ceedings* 19 (1960), 67.
- (joint author) "Fetal Hemoglobin in
Young Goats Fed 'Altitude' Milk."
Physiologist 3 (1960), 153.

BOOK REVIEWS

- Rolland J. Main, *Synopsis of Physi-
ology*. In *West Virginia Medical
Journal* 42, 7 (1946), xxxiv.
- L. H. Newburgh (Ed.), *Physiology of
Heat Regulation and the Science of
Clothing*. In *West Virginia Medical
Journal* 46, 3 (1950), xxiv-xxv.
- Hans Selye and Alexander Horava,
Second Annual Report on Stress.
In *West Virginia Medical Journal*
49, 3 (1953), xxv.
- Hans Selye and Alexander Horava,
Third Annual Report on Stress. In
West Virginia Medical Journal 50, 5
(1954), xxxix-xli.
- John F. Fulton, *A Textbook of Physi-
ology*. In *West Virginia Medical
Journal* 51, 6 (1955), xxxvii.
- Hans Selye and Gunnar Hensler, *Fifth
Annual Report on Stress*. In *West
Virginia Medical Journal* 52, 6
(1956), xliii-xlv.
- Derek Richter (Ed.), *Metabolism of
the Nervous System*. In *American
Journal of Pharmaceutical Educa-
tion* 23 (1959), 127-128.

Van Liere, Edward J.

BOOKS

- A Doctor Enjoys Sherlock Holmes.
New York: Vantage Press, 1959,
141pp.

CHAPTERS AND SECTIONS

- "Hypoxia." In *Encyclopedia Britan-
nica* 12 (1960), 24B-26A.
- (joint author) "The Effects of Exer-
cise Upon the Function of the Gas-
trointestinal Tract." In *Science and
Medicine of Exercise and Sports*,
Warren R. Johnson (Ed.) New
York: Harper, 1960, 236-250.

SCHOOL OF MEDICINE

ARTICLES

- (joint author) "The Rate of Progress of Inert Material Through the Small Intestine." *Gastroenterology* 5 (1945), 37-42.
- "Asphyxiate and 'Anoxiate'." *Science* 104 (1946), 112-113.
- (joint author) "The Effect of Glucose on the Motility of the Stomach and Small Intestine." *Gastroenterology* 7 (1946), 218-223.
- (joint author) "The Effect of Anoxic Anoxia on Urine Secretion in Anesthetized Dogs." *American Journal of Physiology* 147 (1946), 616-621.
- (joint author) "Effect of Anemic Anoxia on Absorption of Isotonic Magnesium Sulfate from the Small Intestine." *Proceedings of the Society for Experimental Biology and Medicine* 64 (1947), 62-64.
- (joint author) "A Comparative Study of Anesthetic Agents on Propulsive Motility of the Small Intestine." *Gastroenterology* 8 (1947), 82-89.
- (joint author) "The Effect of Various Degrees of Anoxic Anoxia on Water Distribution in the Body." *American Journal of Physiology* 149 (1947), 103-106.
- (joint author) "Effect of Stimulation of the Carotid Sinus Region on Absorption of Chloride from the Small Intestine." *American Journal of Physiology* 150 (1947), 149-152.
- (joint author) "Systemic Blood Pressure as a Factor in Absorption from the Small Intestine." *American Journal of Physiology* 150 (1947), 466-470.
- (joint author) "The Null Effect of Hemorrhage in Intestinal Absorption of Chlorides in the Presence of Sulfate." *Proceedings of the Society for Experimental Biology and Medicine* 66 (1947), 260-262.
- (joint author) "The Effect of Anoxic Anoxia on the Propulsive Motility of the Small Intestine." *Proceedings of the Society for Experimental Biology and Medicine* 67 (1948), 331-332.
- (joint author) "The Effect of Central Nervous Depressants on the Emptying Time of the Human Stomach." *Journal of Pharmacology and Experimental Therapeutics* 93 (1948), 208-209.
- (joint author) "Blood Sugar and Dextrose Tolerance During Anoxia in the Dog." *American Journal of Physiology* 154 (1948), 423-427.
- (joint author) "Blood Sugar Response to Anoxia During Acclimatization." *American Journal of Physiology* 155 (1948), 10-14.
- (joint author) "The Effect of Adrenergic Blocking Agents on the Vasoconstriction Produced by Acute Oxygen Lack." *Journal of Pharmacology and Experimental Therapeutics* 94 (1948), 221-224.
- (joint author) "Effect of Increased Carbon Dioxide in Inspired Air on Gastric Emptying in Dogs." (Abstract) *American Journal of Physiology* 155 (1948), 471.
- (joint author) "Sex Differences in Blood Pressure in Dogs." *Science* 109 (1949), 489.
- (joint author) "The Effect of Carbon Dioxide on Intestinal Motility." *American Journal of Physiology* 158 (1949), 119-121.
- (joint author) "A Comparison of the Propulsive Motility of the Small Intestine in Adult Dogs and Pups." *American Journal of Physiology* 158 (1949), 201-204.
- (joint author) "Effect of Cocaine and Ephedrine on the Vasoconstriction Produced by Acute Oxygen Lack." *Archives Internationales de Pharmacodynamie et de Therapie* 81 (1950), 207-210.
- "Some Observations on Medical Education and Practice in Peru." *West Virginia Medical Journal* 46 (1950), 68-70.
- "The Teaching of Physiology at West Virginia University School of Medicine." *West Virginia Medical Journal* 46 (1950), 120-122.
- (joint author) "Combined Effect of Anoxic Anoxia and Cocaine on Blood Sugar and Hemoglobin." (Abstract) *Federation Proceedings* 9 (1950), 122.
- "The Death of James Boswell, Esquire." *West Virginia Medical Journal* 47 (1951), 215-216.
- (joint author) "The Effect of Acclimatization on the Propulsive Motility of the Small Intestine During Anoxia." *Proceedings of the Society for Experimental Biology and Medicine* 76 (1951), 102-103.
- (joint author) "The Choice of Medical Students with Especial Reference to the Nature and Usefulness of the Medical College Admission Test."

PHYSIOLOGY

- Journal of Physiology* 423-427.
- and Sugar Response to Acclimatization." *Journal of Physiology* 155
- Effect of Adrenergic Agents on the Vasoconstriction Produced by Acute Administration of Phenylephrine." *Journal of Pharmacology and Experimental Therapeutics* 224.
- Effect of Increased Inspired Air on the Vasoconstriction in Dogs." (Abstract) *Journal of Physiology* 471.
- Differences in Vasoconstriction in Dogs." *Science*
- Effect of Carbon Dioxide on Intestinal Motility." *Journal of Physiology* 153
- Comparison of the Vasoconstriction of the Small Intestine in Dogs and Pups." *Journal of Physiology* 158
- Effect of Cocaine and Vasoconstriction on Oxygen Lack." *Annales de Pharmacie Therapeutique* 81 (1950),
- Medical Education in Peru." *West Virginia Medical Journal* 46 (1950),
- Physiology at West Virginia School of Medicine." *West Virginia Medical Journal* 42.
- Combined Effect of Cocaine and Vasoconstriction on Hemoglobin." (Abstract) *Proceedings* 9
- Boswell, Esmeralda. *West Virginia Medical Journal* 46.
- Effect of Acclimatization on Propulsive Motility of the Small Intestine During Acclimatization to Altitude." *Proceedings of the Society for Experimental Biology and Medicine* 83.
- Effect of Medical Reference to the Vasoconstriction Test."
- West Virginia Medical Journal* 47 (1951), 184-186.
- (joint author) "Effect of Anoxia on Intestinal Motility and on Blood Sugar in Pups." *American Journal of Physiology* 167 (1951), 103-107.
- (joint author) "The Effect of dl-Amphetamine Sulfate and its Isomers on Intestinal Motility." *Journal of Pharmacology and Experimental Therapeutics* 103 (1951), 187-189.
- (joint author) "Correlation Between Propulsive Motility and Length of Small Intestine in Albino Rats and in Dogs." *American Journal of Physiology* 167 (1951), 399-402.
- (joint author) "Blood Sugar and Hemoglobin Response to Anoxia in Sheep and the Effect of Acclimatization." *American Journal of Physiology* 167 (1951), 559-562.
- (joint author) "Some Observations on Medical Practice and on Medical Education in Puerto Rico." *West Virginia Medical Journal* 48 (1952), 10-12.
- (joint author) "The Effect of Hypoxia, N_2O and C_2H_4 on Blood Coagulation." *Current Researches in Anesthesia and Analgesia* 31 (1952), 136-140.
- (joint author) "Veratoid and Cevadine on Propulsive Motility of the Small Intestine in Dogs." (Abstract) *Federation Proceedings* 11 (1952), 155.
- (joint author) "Effect of Hypoxia and Anemic Anoxia on Uterus." *American Journal of Physiology* 171 (1952), 245-249.
- (joint author) "The Effect of Atropine, Etamon, Banthine, and Bentyll on Motility of the Small Intestine." *American Journal of Physiology* 171 (1952), 513-515.
- "Motion Sickness." *West Virginia Medical Journal* 49 (1953), 222-225.
- (joint author) "Acclimatization to Low Oxygen Tension." *Physiological Reviews* 33 (1953), 13-34.
- (joint author) "Effect of 'SC-3171' (Searle) and Pavatrine (Searle) on Propulsive Motility of Dog Small Intestine." (Abstract) *Federation Proceedings* 12 (1953), 138.
- (joint author) "Effect of Semi-Starvation on Propulsive Motility of the Small Intestine." *Proceedings of the Society for Experimental Biology and Medicine* 83 (1953), 98.
- (joint author) "Residents of West Virginia and the Study of Medicine." *West Virginia Medical Journal* 49 (1953), 117-121.
- (joint author) "Combined Effect of Tetraethylammonium Chloride and Hypoxia on Intestinal Motility in Rats." *American Journal of Physiology* 173 (1953), 459-460.
- (joint author) "Effect of the Isomers of Amphetamine and Desoxyephedrine on Gastric Emptying in Man." *Journal of Pharmacology and Experimental Therapeutics* 109 (1953), 358-360.
- "Physiology at the University of Edinburgh and Sir Arthur Conan Doyle." *West Virginia Medical Journal* 50 (1954), 94-96.
- (joint author) "The Effect of Painful Stimuli on Albino and on Hooded Rats." *Journal of Nervous and Mental Diseases* 119 (1954), 72-74.
- (joint author) "Cobalt Polycythemia and Heart-Weight/Body-Weight Ratio." (Abstract) *Federation Proceedings* 13 (1954), 156-157.
- (joint author) "Effect of Veratrum Alkaloids on Cardiac Hypertrophy of Exercise." (Abstract) *Federation Proceedings* 13 (1954), 107.
- (joint author) "Effect of Physical Training on the Propulsive Motility of the Small Intestine." *Journal of Applied Physiology* 7 (1954), 186-187.
- (joint author) "Resistance to Hypoxia Produced by Polycythemia in Rats." *American Journal of Physiology* 179 (1954), 503-504.
- "Teaching the Second Generation." *WVU Alumni Magazine* 21, 2 (1955), 7-8, 20-21.
- (joint author) "Thyroxine and Exercise on Heart Size in Rats." (Abstract) *Federation Proceedings* 14 (1955), 155.
- (joint author) "Acute Exercise and Propulsive Motility of the Small Intestine in Rats." (Abstract) *Federation Proceedings* 14 (1955), 146.
- (joint author) "Cardiac and Adrenal Hypertrophy in Albino Rats Following Acclimatization to Altitude." *Proceedings of the Society for Experimental Biology and Medicine* 88 (1955), 676.
- (joint author) "The Effect of the Alkaloids: Nicotine, Papaverine, Morphine, and N-Allylnormorphine and of Carbachol on Propulsive Mo-

SCHOOL OF MEDICINE

- tility of the Small Intestine." *Archives Internationales de Pharmacodynamie et de Therapie* 101 (1955), 469-475.
- (joint author) "Administration of Carbo-resin and Gastric Emptying in Man." *Journal of Applied Physiology* 8 (1955), 119-120.
- (joint author) "Applications and Admissions to the School of Medicine of West Virginia University." *West Virginia Medical Journal* 51 (1955), 348-351.
- (joint author) "Cardiac Dilation Without Hypertrophy from Reduced Ambient Pressure in Rats." *Circulation Research* 4 (1956), 217-219.
- (joint author) "Licensure of Foreign-Trained Physicians in West Virginia." *West Virginia Medical Journal* 52 (1956), 114-117.
- (joint author) "Effect of Nalorphine on Gastric Emptying in Man." *Proceedings of the Society for Experimental Biology and Medicine* 91 (1956), 619-620.
- (joint author) "The Electrocardiogram in Situs Inversus." *West Virginia Medical Journal* 52 (1956), 169-170.
- (joint author) "The Curriculum in Medical Technology at West Virginia University." *West Virginia Medical Journal* 52 (1956), 305-308.
- (joint author) "Resistance of the Small Intestine (Motility) Against Stress." *Journal of Applied Physiology* 9 (1956), 484-486.
- "Space Medicine." *West Virginia Medical Journal* 53 (1957), 297-301.
- (joint author) "Effect of Methimazole on the Size of the Heart in the Rat." *Journal of Applied Physiology* 10 (1957), 459-460.
- (joint author) "Cardiac Hypertrophy Produced by Exercise in Albino and in Hooded Rats." *Journal of Applied Physiology* 11 (1957), 91-92.
- (joint author) "The Effect of Age, Sex, and Body Size on the HW/BW Ratio in the Dog." *Anatomical Record* 128 (1957), 411-417.
- "The Effect of Exercise on the Body." *West Virginia Medical Journal* 54 (1958), 153-156.
- "The Physiological Doctor Watson." *Physiologist* 1 (1958), 53-57.
- "A Year After." *WVU Alumni Magazine* 24, 1 (1958), 6-7, 20-21.
- (joint author) "Effect of Epinephrine, Norepinephrine and Serotonin on Propulsive Motility of Rat Small Intestine." *Physiologist* 1 (1958), 80.
- (joint author) "Effect of Hypoxia and Nitrous Oxide on the Uterus of Estrogenized Dogs." (Abstract) *Federation Proceedings* 17 (1958), 167.
- (joint author) "Effect of Glucagon on Propulsive Motility of Rat Small Intestine." (Abstract) *Federation Proceedings* 17 (1958), 157.
- (joint author) "Erythropoietic Factor in Milk of 'Altitude' Goats." *Physiologist* 1 (1958), 76.
- (joint author) "Glycogen Content in Normal and Hypertrophied Rat Heart." *Proceedings of the Society for Experimental Biology and Medicine* 99 (1958), 438-439.
- (joint author) "A Review of Medical Education in West Virginia." *West Virginia Medical Journal* 55 (1959), 96-101.
- (joint author) "Effect of Methimazole on the Dry Weight of the Rat Heart." *Physiologist* 2 (1959), 112.
- (joint author) "Women in Medicine in West Virginia University." *Journal of Medical Education* 34 (1959), 911-915.
- "Bennet Dowler, A Clarksburg Physiologist and Physician." *West Virginia Medical Journal* 56 (1960), 241-243.
- (joint author) "Rat Assay of Erythropoietic Factor in Milk of 'Altitude' Goats." (Abstract) *Federation Proceedings* 19 (1960), 67.
- (joint author) "Cardiac Hypertrophy Due to Hypoxia in Male and Female Rats." (Abstract) *Federation Proceedings* 19 (1960), 111.
- (joint author) "Fetal Hemoglobin in Young Goats Fed 'Altitude' Milk." *Physiologist* 3 (1960), 153.
- (joint author) "Weight of the Adrenal Glands in Cats." *Proceedings of the Society for Experimental Biology and Medicine* 104 (1960), 668-669.
- (joint author) "History of the Student Health Service of West Virginia University." *West Virginia Medical Journal* 57 (1961), 168-173.

BOOK REVIEWS

- George Lawton, *New Goals for Old Age*. In *West Virginia Medical Journal* 42, 1 (1946), xxxv, xxxvi, xxxvii.
- Edwin P. Jordan and Williard C. Shephard, *Prescription for Medical Writing*. In *West Virginia Medical Journal* 48, 4 (1952), xxxiv-xxxv.

Joseph Ga
his Pract
cal Jour
A Way of
Writings
West Vi
(1959), 1

Amory,

"Perivasc
and It
(1948),
(joint au
Hernia
toms."
(1950),
"Irradiat
Follow
apy. E
Radiol
(joint a
genic
Tissue
"Militar
Radiol
"The S
Chest
ology
(joint a
Review
Cases

Bloor,

"The 1
Abdo
Ann
331.
"Seque
phil
Am
(195
(joint
grat
New
(joint
Eva
Med
rap
(19

RADIOLOGY

- Joseph Garland. *The Physician and his Practice*. In *West Virginia Medical Journal* 50, 11 (1954), xxxvii-xli.
A Way of Life and Other Selected Writings of Sir William Osler. In *West Virginia Medical Journal* 55, 9 (1959), lxii-lxiii.

RADIOLOGY

Amory, Harold I.

ARTICLES

- "Perivascular Injection of Thorotrast and Its Sequelae." *Radiology* 51 (1948), 831-839.
(joint author) "Incidence of Hiatus Hernia in Patients Without Symptoms." *Archives of Surgery* 60 (1950), 1045-1050.
"Irradiation Damage of the Intestines Following 1000 kv Roentgen Therapy. Evaluation of Tolerance Dose." *Radiology* 56 (1951), 49-57.
(joint author) "Extraskeletal Osteogenic Sarcoma Arising in Irradiated Tissue." *Cancer* 4 (1951), 1095-1106.
"Military Field X-ray Equipment." *Radiology* 59 (1952), 879-892.
"The Supraclavicular Shadows in Chest Film Interpretation." *Radiology* 61 (1953), 8-12.
(joint author) "Hodgkin's Disease: A Review of Two Hundred and Sixteen Cases." *Radiology* 64 (1955), 51-56.

SURGERY

Bloor, Byron M.

ARTICLES

- "The Effect of Heparin Upon Intra-Abdominal Adhesions in Rabbits." *Annals of Surgery* 126 (1947), 324-331.
"Sequelae of Meningitis Due to Hemophilus Influenzae." *Journal of the American Medical Association* 142 (1950), 241-243.
(joint author) "The Electroencephalogram in Intracranial Aneurysms." *Neurology* 1 (1951), 25-38.
(joint author) "An Experimental Evaluation of Certain Contrast Media Used for Cerebral Angiography." *Journal of Neurosurgery* 8 (1951), 585-594.

- (joint author) "An Experimental Method for the Evaluation of Contrast Media used in Cerebral Angiography." *Journal of Neurosurgery* 8 (1951), 435-440.
(joint author) "The Role of Small Angiomatous Malformations in the Production of Intracerebral Hematomas." *Journal of Neurosurgery* 8 (1951), 564-575.
(joint author) "Direct Measurement of Intravascular Pressure in Components of the Circle of Willis." *A. M. A. Archives of Surgery* 63 (1951), 821-823.
(joint author) "Intracerebral Hematomas: A Survey of 103 Verified Cases." *Southern Medical Journal* 45 (1952), 936-942.
(joint author) "Direct Measurement of Intravascular Pressure in Components of the Circle of Willis. A Contribution to the Surgery of Congenital Cerebral Aneurysms and Vascular Anomalies of the Brain." *Annals of Surgery* 135 (1952), 911.
(joint author) "Acute Subarachnoid Hemorrhage. Etiology and Mortality." *Journal of the North Carolina Medical Society* 13 (1952), 621-627.
(joint author) "Studies on Cerebral Intravascular Pressure. Further Data Concerning Pressure in Components of the Circle of Willis and in Blind Arterial Segments." *Journal of Neurosurgery* 10 (1953), 28-34.
(joint author) "Diagnostic and Therapeutic Clues in the Study of Tetanus." *Archives of Neurology and Psychiatry* 69 (1953), 55-63.
(joint author) "Effects of Intracarotid Iodopyracet (Diodrast) Upon Cerebral Blood Flow." *A. M. A. Archives of Neurology and Psychiatry* 71 (1954), 358-361.
(joint author) "Methods for Reduction of Surgical Blood Loss." *Journal of the Kentucky State Medical Association* 52 (1954), 344-348.
(joint author) "Induced Hypotension for Neurosurgical Procedures: A Critical Analysis." *Annals of Surgery* 143 (1956), 143-159.
(joint author) "Determination of Retinal Artery Pressures in the Diagnosis of Carotid Artery Occlusion." *Neurology* 7 (1957), 97-104.
(joint author) "A Study of Cortical Oxygen Tension During Induced

SCHOOL OF MEDICINE

- Hypotension." A. M. A. *Archives of Surgery* 77 (1958), 65-77.
- (joint author) "Oxygen Tension in Maternal and Fetal Blood Amniotic Fluid and Cerebrospinal Fluid of the Mother and Baby." *American Journal of Obstetrics and Gynecology* 79 (1960), 1041-1047.
- (joint author) "Partial Pressure of Oxygen in the Intervillous Space and the Umbilical Vessels." *American Journal of Obstetrics and Gynecology* 79 (1960), 1048-1052.
- (joint author) "A Study of Cerebrospinal Fluid Oxygen Tension." A. M. A. *Archives of Neurology* 4 (1961), 37-46.
- (joint author) "Experimental and Clinical Physiological Observations of Profound Hypothermia to Allow Complete Interruption of the Circulation." A. M. A. *Archives of Surgery* 82 (1961), 108-119.
- Gerwig, Walter H., Jr.**
- CHAPTERS AND SECTIONS**
- "The Endocrine Glands." In *Nash's Surgical Physiology*, Brian Blades, ed. (Second ed.) Springfield, Ill.: C. C. Thomas, 1953, 436-506.
- (joint author) "Volvulus of the Colon." In *Diseases of the Colon and Anorectum*, Robert Turell, ed. Philadelphia: W. B. Saunders, 1959, Chapter 31.
- ARTICLES**
- "Etude Sur 500 Cas D'Appendicite." *Bulletin International* (Belgium) 18 (1945), 63.
- "Glomus Tumor." *Medical Annals of the District of Columbia* 16 (1947), 135.
- "Diverticula and Other Mucosal-Lined and Pathological Out-Pouchings of the Gastrointestinal Tract." *American Journal of Surgery* 74 (1947), 462.
- "So They May Earn Their Daily Bread (Editorial-Rehabilitation)." *Medical Annals of the District of Columbia* 17 (1948), 676.
- "Diagnosis and Treatment of Cystosarcoma Phylloides, Case Report." *Postgraduate Medicine* 5 (1949), 219.
- "Constant Pressure Scalp Dressings." *American Journal of Surgery* 78 (1949), 520.
- "Treatment of Paronychia." *Postgraduate Medicine* 7 (1950), 52.
- "Volvulus of the Colon." *Archives of Surgery* 60 (1950), 721.
- (joint author) "Cholecystitis and Cholelithiasis in Young Women Following Pregnancy." *Surgery* 28 (1950), 983.
- (joint author) "Pain Control Following Upper Abdominal Operations." *Archives of Surgery* 62 (1951), 678.
- "Cholecystectomy — Position of Surgeon to Left of Patient Facilitates Technic." *American Journal of Surgery* 81 (1951), 481.
- "Internal Jugular Phlebectasia." *Annals of Surgery* 135 (1952), 130.
- (joint author) "Complete Annular Obstruction of Ileum by Metastatic Carcinoma from the Cervix." *American Journal of Surgery* 85 (1953), 245.
- (joint author) "Pheochromocytoma." *Southern Medical Journal* 46 (1953), 355.
- (joint author) "Control of Pain Following Hemorrhoidectomy." *Surgery* 34 (1953), 880.
- "Presacral Cystic Tumors." *Annals of Surgery* 140 (1954), 81.
- "Extrinsic Annular Fibrosing Stenosis of Rectum." *American Journal of Surgery* 88 (1954), 351.
- "Hemorrhoids, Their Surgical Consideration." *G. P. (Academy of General Practice)* 10 (1954), 34.
- "Management of Rectal and Anal Diseases." *American Practitioner* 5 (1954), 946.
- "Substitute Pouch Following Total Gastrectomy." *American Surgeon* 21 (1955), 811.
- (joint author) "Familial Occurrence of Thrombosis of the Terminal Aorta." *American Surgeon* 21 (1955), 750.
- "Volvulus of the Colon." *Surgical Clinics of North America* 35 (1955), 1395.
- "Rectal Problems." *American Journal of Gastroenterology* 24 (1955), 516.
- (joint author) "Nodular Goiter and Thyroid Cancer." *Postgraduate Medicine* 19 (1956), 328.
- "Anorectal Complications of Pregnancy." *American Surgeon* 22 (1956), 549.
- (joint author) "The Subphrenic Abscess: A Necessary Re-evaluation." *Annals of Surgery* 144 (1956), 356.
- (joint author) "Diverticulitis of the Cecum." *American Journal of Surgery* 92 (1956), 616.

(joint author)
dence and I
Pneumoper
gery 145 (
(joint author)
Skeletal M
and Topica
Aerosol®,
Medical A
(joint autho
Distal Duc
Hemorrha
(1958), 36
(joint autho
Over 500
peated In
Drug into
ern Medic
1425.
"Transabdo
Mucosal
American
(1961), 7
(joint aut
of the Ga
Annals o
(joint aut
talis." W
nal 57 (
Heiskell,
(joint aut
Calcium
of Thro
Report.
Medicin
"Tetanus
West V
(1954),
Jones, I
(joint a
Respir
eral A
Pressu
17 (19
(joint a
thesia.
on Re
Norma
(1960)
(joint a
on C
and A
ogy 2

SURGERY

Archives of
itis and Cho-
men Follow-
y 28 (1950),
ontrol Follow-
Operations."
(1951), 678.
ion of Sur-
Facilitates
rnal of Sur-
ctasia." An-
52), 130.
ce Annular
Metastatic
rix." Ameri-
85 (1953),
moyctoma."
46 (1953),
Pain Fol-
y." Surgery
Annals of
ng Stenosis
Journal of
cal Consid-
of General
Anal Dis-
itioner 5
ing Total
urgeon 21
Occurrence
Terminal
geon 21
Surgical
35 (1955),
a Journal
955), 516.
iter and
ate Medi-
of Preg-
eon 22
enic Ab-
luation."
56), 356.
s of the
of Sur-

- (joint author) "Studies on the Incidence and Duration of Postoperative Pneumoperitoneum." *Annals of Surgery* 145 (1957), 4.
- (joint author) "Clinical Evaluation of Skeletal Muscle Relaxant, Tubadil®, and Topical Anesthetic, Americaine Aerosol®, in Anorectal Surgery." *Medical Annals* 26 (1957), 584.
- (joint author) "Obstruction of the Distal Duodenum Due to Intramural Hemorrhage." *American Surgeon* 24 (1958), 367-370.
- (joint author) "Analysis of a Study of Over 500 Patients Receiving Repeated Injections of an Anesthetic Drug into the Caudal Canal." *Southern Medical Journal* 51 (1958), 1422-1425.
- "Transabdominal Visualization of the Mucosal Surface of the Colon." *American Journal of Surgery* 101 (1961), 78.
- (joint author) "Congenital Absence of the Gallbladder and Cystic Duct." *Annals of Surgery* 153 (1961), 113.
- (joint author) "Situs Inversus Totalis." *West Virginia Medical Journal* 57 (1961), 81.

Heiskell, Edgar F., Jr.

ARTICLES

- (joint author) "Alpha-Tocopherol and Calcium Gluconate in the Prevention of Thrombo-Embolism; Preliminary Report." *Texas State Journal of Medicine* 48 (1952), 11-14.
- "Tetanus Immunization in Industry." *West Virginia Medical Journal* 50 (1954), 99-101.

Jones, Richard E.

ARTICLES

- (joint author) "Effects of Common Respiratory Phenomena During General Anesthesia on Arterial Blood Pressure and Pulse." *Anesthesiology* 17 (1956), 325.
- (joint author) "Cyclopropane Anesthesia. III. Effects of Cyclopropane on Respiration and Circulation in Normal Man." *Anesthesiology* 21 (1960), 380.
- (joint author) "Effects of Atropine on Cardiac Rhythm in Conscious and Anesthetized Man." *Anesthesiology* 22 (1961), 67.

Milam, D. Franklin

ARTICLES

- "A New Recording Cystometer." *Journal of Urology* 66 (1951), 597-602.
- "Recent Trends in Urological Practice." *Journal of the American Medical Association*, (1952), 1117-1121.
- (joint author) "Retrocaval Ureter, Case Report and New Diagnostic Approach." *Journal of Urology* 68 (1952), 679-683.
- "The Value of Cystometry in Urological Diagnosis." *Transactions of the South Central Section of the American Urological Association* (1953), 83-88.
- "An Automatic Recording Cystometer." *Journal of Urology* 84 (1960), 433-435.
- "Vesical Foreign Body." *Urologists' Letter Club* (February, 1960).

Moran, Walter H. Jr.

ARTICLES

- (joint author) "Gastroduodenal Fistula, A Complication of Gastric Ulcer." *Annals of Surgery* 146 (1957), 937-940.
- (joint author) "The Regulation of Aldosterone Output: Significance of Potassium Ion." *Surgical Forum* 9 (1959), 120-122.
- (joint author) "The Relationship of Adrenal Steroids to Postoperative Electrolyte Metabolism." *Surgery* 46 (1959), 109-122.
- (joint author) "Physiologic and Surgical Problems in the Management of Primary Aldosteronism." *Annals of Surgery* 150 (1959), 653-665.
- (joint author) "Effect of Endotoxin on Plasma Catechol Amines and Serum Serotonin." *Proceedings of the Society for Experimental Biology and Medicine* 102 (1959), 335-337.
- (joint author) "Primary Hyperaldosteronism Without Adrenal Tumor." *American Journal of Medicine* 28 (1960), 638-647.
- (joint author) "Aldosterone." *American Journal of Surgery* 99 (1960), 503-511.
- (joint author) "A Comparison of the Effects of Hemorrhagic and Endo-

SCHOOL OF MEDICINE

toxin Shock on Serotonin Concentration in Blood." *Surgical Forum* 10 (1960), 397-400.

Mowlem, Albert

ARTICLES

- (joint author) "The Effect of Surgery on the Extracellular Water and Electrolytes." *Surgical Forum* 4 (1953), 540-543.
- (joint author) "Influence of Positional Change on Blood Flow to Separate Lungs: In-Vivo Studies." *Surgical Forum* 7 (1957), 462-466.
- (joint author) "The Acute Effects of Complete Heart Block on the Pulmonary Circulation." *Surgery, Gynecology and Obstetrics* 106 (1958), 333.
- (joint author) "The Effects of Pressor Agents on Pulmonary Vessel Pressures During Heart Block." (Abstract) *Federation Proceedings* 17 (1958), 114.
- (joint author) "The Surgical Treatment of Pulmonary Tuberculosis in the Mentally Ill: A Five-Year Study of 403 Resections." *Surgery* 43 (1958), 913.
- (joint author) "Potassium Loss from the Heart During the Immediate Posthypercapnia Period." *American Journal of Physiology* 193 (1960), 962.
- (joint author) "Use of the Gracilis Muscle in the Repair of an Urethropineal and a Vesicoperineal Fistula Following Removal of the Rectum." *Surgery* 48 (1960), 340.
- (joint author) "The Effect on Renal Function of Occlusion of the Aorta Inferior to the Renal Vessels." *Surgery, Gynecology and Obstetrics* 111 (1960), 423.

Pride, Cecil Benjamin.

ARTICLES

- "Adrenal Cyst." *West Virginia Medical Journal* 56 (1960), 431-434.

Tarnay, Thomas J.

ARTICLES

- "Therapy of Ascariasis with Piperazine and Purgative." *Documenta de Medicina Geographica et Tropica* 9 (1957), 176-180.

Trotter, Robert Russell

ARTICLES

- "Electronic Flash (Gas Discharge) Tube in Photography of Anterior Segment of the Eye." *AMA Archives of Ophthalmology* 40, (1948), 493-496.
- "Open-Angle Glaucoma." *AMA Archives of Ophthalmology* 50 (1953), 30-34.
- "Diamox (acetazoleamide) in Treatment of Glaucoma." *AMA Archives of Ophthalmology* 51 (1954), 735-739.
- "Angle-Closure Glaucoma; Subacute Types." *AMA Archives of Ophthalmology* 53 (1955), 305-317; *Transactions of the American Ophthalmological Society* 52 (1954), 265-290.
- "Factors Responsible for the Resistance to Outflow of Intraocular Fluid." *Acta XVII Concilium Ophthalmologica* 3 (1954), 1536-1545.
- "Tonographic Measurements in Enucleated Eyes." *AMA Archives of Ophthalmology* 53 (1955), 191-200.
- "Diamox: Further Reports on its Use." *Transactions of the American Academy of Ophthalmology and Oto-Laryngology* 60 (1956), 215-216.
- "Clinical Evaluation of Tonography." *Transactions of the Pennsylvania Academy of Ophthalmology and Oto-Laryngology* 9 (1956), 79-86.
- "Tonographic and Gonioscopic Studies Before and After Cataract Extraction." *Transactions of the Section of Ophthalmology, AMA* (1957), 149-158.
- "An Improvement on the After-Image Test." *American Journal of Ophthalmology* 46 (1958), 71-74.
- "Intravenous Hypertonic Urea in the Management of Acute Angle-Closure Glaucoma." *AMA Archives of Ophthalmology* 65 (1961), 497-503.

Warden, Herbert E.

CHAPTERS AND SECTIONS

- (joint author) "The Direct (Open) Surgical Repair of Congenital and Acquired Intracardiac Malformations." (Winner AMA Hektoen Gold Medal) *AMA Scientific Exhibits 1957*, New York: Grune and Stratton, 1957, 423-429.
- (joint author) "The Helix Reservoir Bubble Oxygenator and Its Clinical Application." In *Extracorporeal*

Circulation
Springfield
1958, 41-50

(joint author)
bolic Cha
Lobe Oxy
diac By-p
Flow Pu
Obstetriq
(joint author)
culation
gery." *Ja*
28 (1954
(joint author)
of Inter
and Fur
Controlle
gical Fo
(joint author)
icle as
Circuit.
16-22.
(joint author)
cardiac
trolled
ous Art
Correct
Defects
munis.
monic
Fallot.
Hospite
ders, F
(joint author)
Vision
Defects
Controlle
cologic
446-46
(joint author)
Intrac
ital A
Circul
with
Tetra
tricul
gery
(joint author)
Expe
pulm
ratic
(joint author)
cardi
Tetra
Fallot
fects
Anne
455.
(joint author)
Utili

SURGERY

Circulation, J. G. Allen. (Ed.), Springfield, Ill.: Charles C. Thomas, 1958, 41-56.

ARTICLES

- (joint author) "Physiologic and Metabolic Changes During Autogenous Lobe Oxygenation with Total Cardiac By-pass Employing the Azygos Flow Principle." *Gynecologie et Obstetrique* 98 (1954), 523-529.
- (joint author) "Controlled Cross Circulation for Open Intracardiac Surgery." *Journal of Thoracic Surgery* 28 (1954), 331-343.
- (joint author) "Experimental Closure of Interventricular Septal Defects and Further Physiologic Studies on Controlled Cross Circulation." *Surgical Forum* 5 (1954), 22-28.
- (joint author) "Use of the Right Auricle as a Pump for the Pulmonary Circuit." *Surgical Forum* 5 (1954), 16-22.
- (joint author) "Direct Vision Intracardiac Surgery by Means of Controlled Cross Circulation or Continuous Arterial Reservoir Perfusion for Correction of Ventricular Septal Defects, Atrioventricularis Communis, Isolated Infundibular Pulmonic Stenosis, and Tetralogy of Fallot." *Proceedings of Henry Ford Hospital Symposium*, W. B. Saunders, Philadelphia, 1955, 371-392.
- (joint author) "The Results of Direct Vision Closure of Ventricular Septal Defects in 8 Patients by Means of Controlled Cross Circulation." *Gynecologie et Obstetrique* 101 (1955), 446-466.
- (joint author) "The Direct Vision Intracardiac Correction of Congenital Anomalies by Controlled Cross Circulation. Results in 32 Patients with Ventricular Septal Defects, Tetralogy of Fallot, and Atrioventricularis Communis Defects." *Surgery* 38 (1955), 11-29.
- (joint author) "A Technique for the Experimental Creation of Aortopulmonary Fistula." *Journal of Thoracic Surgery* 30 (1955), 66-75.
- (joint author) "Direct Vision Intracardiac Surgical Correction of the Tetralogy of Fallot, Pentalogy of Fallot, and Pulmonary Atresia Defects. Report of First Ten Cases." *Annals of Surgery* 142 (1955), 418-455.
- (joint author) "Total Cardiac Bypass Utilizing Controlled Cross Circulation

and a Reservoir of Oxygenated Blood." *Proceedings of the Society for Experimental Biology and Medicine* 90 (1955), 246-250.

- (joint author) "The Direct Surgical Repair of Congenital Intracardiac Defects." *Circulation* 12 (1955), 787.
- (joint author) "Direct Vision Intracardiac Surgery by Means of a Reservoir of 'Arterialized Venous' Blood. Description of a Simple Method and Report of the First Clinical Case." *Journal of Thoracic Surgery* 30 (1955), 649-656.
- (joint author) "Direct Vision Intracardiac Surgery in Man Using a Simple Disposable Artificial Oxygenator." *Diseases of the Chest* 24 (1956), 1-8.
- (joint author) "Complete Anatomical Correction of the Tetralogy of Fallot Defects. Report of a Successful Surgical Case." *Archives of Surgery* 73 (1956), 526-531.
- (joint author) "A Prosthesis for the Palliation of Mitral Insufficiency." *Diseases of the Chest* 30 (1956), 133-140.
- (joint author) "A Simple, Expendable, Artificial Oxygenator for Open Heart Surgery." *Surgery Clinics of North America* 36 (1956), 1025-1034.
- (joint author) "Direct Vision Intracardiac Surgical Correction of Congenital Heart Defects." *Archives of Surgery* 72 (1956), 728-736.
- (joint author) "Total Body Perfusion for Open Cardiotomy Utilizing the Bubble Oxygenator. Physiologic Responses in Man." *Journal of Thoracic Surgery* 32 (1956), 591-603.
- (joint author) "Results of Direct Vision Repair of Ventricular Septal Defects; Report of the First 100 Patients." *Circulation* 14 (1956), 1013.
- (joint author) "Surgical Pathological Classification for Isolated Interventricular Septal Defects and for Those in Fallot's Tetralogy Based on Observations Made on 120 Patients During Repair under Direct Vision." *Journal of Thoracic Surgery* 33 (1957), 21-44.
- (joint author) "The Application of Arterialized Venous Blood to Intracardiac Surgery." *Surgery, Gynecology and Obstetrics* 104 (1957), 457-462.
- (joint author) "The Helix Reservoir Pump-Oxygenator." *Surgery, Gynecology and Obstetrics* 104 (1957), 463-468.

SCHOOL OF MEDICINE

- cology and Obstetrics* 104 (1957), 699-710.
- (joint author) "Cardiopulmonary Bypass in Surgical Treatment of 305 Patients with Congenital or Acquired Cardiac Disease." *Archives of Surgery* 75 (1957), 928-945.
- (joint author) "Total Body Perfusion with a Pump-Oxygenator for Open Intracardiac Surgery. Physiologic Responses in 120 Patients." *Journal of the American Medical Association* 165 (1957), 1788-1792.
- "Discussion of Patent Ductus Arteriosus." *Surgery* 33 (1957), 133.
- (joint author) "Open Heart Surgery for Congenital Heart Disease." Third World Congress of Cardiology, Brussels, Belgium. *Resumes des Communications* (1958), 518-519.
- (joint author) "Open Heart Surgery for Congenital Heart Disease." (Abstract) *Circulation* 18 (1958), 792.
- (joint author) "Open Heart Surgery Using Total Body Perfusion." *Postgraduate Medicine* 25 (1959), 156-163.
- (joint author) "Subtotal and Total Replacement of the Aortic Valve with Plastic Valve Prosthesis: Experimental Investigation and Successful Clinical Application Utilizing Selective Cardiac Hypothermia." *Surgical Forum* 10 (1959), 660-665.

Wiley, James H.

ARTICLES

- "Nonunion of the Shafts of the Long Bones: Treatment and Observations." *Societe Internationale de Chirurgie Orthopedique et de Traumatologie*, Bruxelles, Spring (1960), 29-52.
- "Observations on Non-Union of the Shafts of Long Bones, with a Statistical Analysis of 842 Patients." *Journal of Bone and Joint Surgery* 43-A (1961), 159-161.

Zimmermann, Bernard

MONOGRAPHS

- Endocrine Functions of the Pancreas*. Springfield, Ill.: Charles C. Thomas, 1951, 82pp.

CHAPTERS AND SECTIONS

- (joint author) "The Physiologic Action of Preferentially Inactivated In-

sulin." In *Symposium on Military Physiology*. National Research and Development Board, Washington, D. C., 1947.

"Management of Fluids and Electrolytes in Surgical Practice." In *Christopher's Surgery* (6th Ed.) Loyal Davis (Ed.) Philadelphia: W. B. Saunders, 1960, 132-142.

"The Surgical Physiology of the Large and Small Intestine." In *Physiologic Principles of Surgery*. L. Zimmerman and R. Levine. Philadelphia: W. B. Saunders, 1957.

REPORTS

- (joint author) *A Colorimetric Method for the Determination of Acetone Bodies in Blood*. Reports of the Naval Medical Research Institute NM007—026 No. 1, 1948, 9pp.

ARTICLES

- "Intravenous Tubing for Parenteral Therapy." *Science* 101 (1945), 567.
- (joint author) "The Effects of Pancreatectomy of Glycosuria and Ketosis in Dogs Made Diabetic by Alloxan." *Endocrinology* 37 (1945), 191.
- (joint author) "Hyperglycemic Effect of Insulin." *American Journal of Physiology* 153 (1948), 147.
- (joint author) "Medical Aspects of the Texas City Disaster with Special Reference to the Effects of Air Blast." *Texas Reports of Biology and Medicine* 6 (1948), 337.
- (joint author) "The Effect of Artificial Surfaces on Blood Coagulability with Special Reference to Polyethylene." *Blood, The Journal of Hematology* 4 (1949), 1310.
- (joint author) "Deficiency of Alpha Cells as Possible Etiologic Factor in Familial Hypoglycemia." (Abstract) *Federation Proceedings* 9 (1950), 337.
- "Adrenal Function in Surgical Patients." *Bulletin of the University Hospitals and Minnesota Medical Foundation* 21 (1950), 439.
- (joint author) "The Occurrence in Surgical Patients of Severe Hypernatremia Without Exogenous Dehydration." *Surgery* 31 (1952), 373.
- (joint author) "Studies on the Control of Salt-regulating Adrenal Hormones." *Surgical Forum* (1952), 547-551.
- (joint author) "Observations on Water Intoxication in Surgical Patients." *Surgery* 31 (1952), 654.

SURGERY

- "The Effect of Surgery and Adrenal Stimulation on the Excretion of Pregnanediol in the Male." *Journal of Clinical Endocrinology* 12 (1952), 972.
- (joint author) "Paper Chromatography of the Pregnanediol Fraction of Urine." (Abstract) *Journal of Laboratory Clinical Medicine* 40 (1952), 780.
- (joint author) "Paper Chromatography of Pregnanediol and Related Compounds." *Journal of Clinical Endocrinology* 13 (1953), 1206.
- (joint author) "The Urinary Steroids in Adrenalectomized, Ovariectomized Women with Mammary Carcinoma." *Surgical Forum* 4 (1953), 655.
- (joint author) "The Effect of Surgery on the Extracellular Water and Distribution of Electrolytes." *Surgical Forum* 4 (1953), 540.
- "Diabetes and Gross Lesions of the Pancreas." *Journal of Clinical Endocrinology and Metabolism* 14 (1954), 481.
- (joint author) "Staged and Simultaneous Bilateral Pulmonary Resection for Tuberculosis." *Journal of Thoracic Surgery* 28 (1954), 90.
- (joint author) "Fluid and Electrolyte Balance. I.: Basic Considerations." *Minnesota Medicine* 37 (1954), 545.
- "Fluid and Electrolyte Balance IV.: Surgical Considerations." *Minnesota Medicine* 37 (1954), 722.
- (joint author) "Pulmonary Resection in Mental Patients with Tuberculosis." *Diseases of the Chest* 27 (1955), 563.
- (joint author) "The Use of Stable Rubidium for the Measurement of Total Exchangeable Body Potassium." *Surgical Forum* 5 (1954), 529.
- (joint author) "Simultaneous Bilateral Pulmonary Resection for Tuberculosis." *Journal of Thoracic Surgery* 31 (1956), 93.
- (joint author) "The Role of Bone Sodium in Surgery." *Surgical Forum* 6 (1956), 7.
- (joint author) "Excretion of Aldosterone by the Postoperative Patient." *Surgical Forum* 6 (1956), 3.
- "Mechanisms of Sodium Regulation in the Surgical Patient." *Surgery* 39 (1956), 161.
- (joint author) "The Effects of DDD (1, 1-dichloro-2, 2-bis (p-chlorophenyl ethane) on the Human Adrenal: Attempts to Use an Adrenal-destructive Agent in the Treatment of Disseminated Mammary and Prostatic Cancer." *Cancer* 9 (1956), 940.
- (joint author) "Tumors of the Pancreas and Extrahepatic Biliary System." *University of Minnesota Medical Bulletin* 28 (1956), 61.
- (joint author) "Radical Surgery for Pancreatic Cancer: Outlook and Metabolic Complications." *Proceedings of the Third National Cancer Conference* (1957), 792.
- (joint author) "The Surgical Treatment of Tuberculosis in Mental Patients." *Journal of Thoracic Surgery* 31 (1956), 687.
- (joint author) "The Pattern and Significance of Aldosterone Excretion by the Postoperative Surgical Patient." *Surgery, Gynecology and Obstetrics* 105 (1957), 179.
- "Total Pancreatectomy: 5 Cases Illustrating Indications and Problems of Management." *Journal Lancet* 77 (1957), 403.
- (joint author) "The Paradoxical Relationship of Sodium Chloride to Water Balance in the Early Postsurgical Period." *Surgical Forum* 8 (1958), 31.
- (joint author) "Effect of DDD on Postcastrational Adrenal Tumors in Mice." *Surgical Forum* 8 (1958), 177.
- (joint author) "Effects of Glucagon Following Total Pancreatectomy in Man." *Surgical Forum* 8 (1958), 266.
- (joint author) "Surgical Treatment of Pulmonary Tuberculosis in the Mentally Ill: A Five-year Study of 403 Resections." *Surgery* 43 (1958), 913.
- (joint author) "The Regulation of Aldosterone Output: Significance of Potassium Ion." *Surgical Forum* 9 (1959), 120.
- (joint author) "Serum Serotonin Concentration and Urinary 5-hydroxyindoleacetic Acid Excretion Following Intestinal Obstruction and Resection." (Abstract) *Federation Proceedings* 18 (1959), 503.
- (joint author) "Primary Hyperaldosteronism Due to Hyperfunction of the Adrenal Cortex Corrected by Partial Adrenalectomy." *Proceedings of the Endocrine Society* 1958.

SCHOOL OF MEDICINE

- (joint author) "Primary Hyperaldosteronism Without Adrenal Tumor." *American Journal of Medicine* 28 (1960), 638.
- (joint author) "The Relationship of Adrenal Steroids to Postoperative Electrolyte Metabolism." *Surgery* 46 (1959), 109.
- (joint author) "Physiologic and Surgical Problems in the Management of Primary Aldosteronism." *Annals of Surgery* 150 (1959), 653.
- (joint author) "A Comparison of the Effects of Hemorrhagic and Endotoxin Shock on Serotonin Concentration in Blood." *Surgical Forum* 10 (1959), 397.
- (joint author) "Aldosterone." *American Journal of Surgery* 99 (1960), 503.
- (joint author) "Aldosterone Secretion Measured During Adrenal Vein Cannulation in Humans." (Abstract) *Proceedings of the 42nd Annual Meeting of the Endocrine Society*, 1960, 15.
- (joint author) "Effect of Endotoxin on Plasma Catechol Amines and Serum Serotonin." *Proceedings of the Society for Experimental Biology and Medicine* 102 (1959), 335.
- (joint author) "Pathologic Characteristics of the Melanotic and Amelanotic Melanoma of Hamsters." (Abstract) *Federation Proceedings* 19 (1960), 396.
- (joint author) "The Effect of Hypercapnea on Plasma Epinephrine and Norepinephrine." (Abstract) *Proceedings of the Endocrine Society* (1960), 26.
- (joint author) "Studies of Extracellular Volume in the Regulation of Antidiuretic Hormone." *Surgical Forum* 11 (1960), 129.
- (joint author) "Bone Sodium in Surgical Operations and Disease." *Annals of Surgery* 52 (1960), 927.
- "The Role of Mental and Corrective Institutions in Surgical Training Programs — University Surgeons' Program, 1960." *Surgery* 48 (1960), 1149.
- (joint author) "A Case of Insulin-Secreting Tumor of the Pancreas: Untoward Response to Tolbutamide; Possible Mechanism of Postoperative Hyperglycemia." *New England Journal of Medicine* 263 (1960), 1345.

VISUAL EDUCATION SERVICE

Wall, Roy E.

ARTICLES

- "The Use of Aniline Dyes to Color Wax Models." *Journal of the Association of Medical Illustrators* 10 (1958), 38-41.

MEDICAL ILLUSTRATIONS

- "Vaginal Hysterectomy." (15 Full-Color Drawings of Operative Procedure) 1956. Exhibited: United States and England, Sponsored by Eaton Laboratories, 1957. Made into 16mm., 20 min. Motion Picture Which Includes Color Drawings of Hysterectomy, and Repair of Cystocele, Rectocele, and Uterine Prolapse. Listed Title of Film "Compete Vaginal Repair — A Simplified Approach."
- "Endocrine Assays for Clinical Medicine." (Six Full-Color Figure Drawings Which Depict Physical Characteristics of Endocrine Abnormalities) 1957. First Exhibited: Indianapolis, Indiana, 1957.

Hann

(joint
nual
Shor
1960.
(joint
nual
Fifte
(joint
nual
ence.
Proce
chia
Coun

"Fire
gini
(194
(joint
dust
Scho
vers
4 (1
"The
Trai
Uni
nee
"Fire
vers
11.

SCHOOL OF MINES

Hanna, Roscoe E. Jr.

EDITORSHIPS

(joint editor) *Proceedings of the Annual Appalachian Gas Measurement Short Course*, Fifth-Twentieth, 1945-1960.

(joint editor) *Proceedings of the Annual Fire Service Extension School*, Fifteenth-Thirtieth, 1946-1960.

(joint editor) *Proceedings of the Annual Industrial Engineering Conference*, First-Eleventh, 1950-1960.

Proceedings of the Annual Appalachian Underground Corrosion Short Course, First-Fifth, 1956-1960.

ARTICLES

"Fire Service Training in West Virginia." *West Virginia Engineer* 10, 6 (1948), 6-7.

(joint author) "The Mining and Industrial Extension Department, School of Mines, West Virginia University." *West Virginia Engineer* 13, 4 (1951), 8-9.

"The Fire Protection Research and Training Center at West Virginia University." *West Virginia Engineer* 15, 4 (1953), 22-23.

"Fire Training at West Virginia University." *Firemen* 22, 11 (1955), 10-11.

Laird, Richard W.

ARTICLES

"Oil and Gas Division — School of Mines." *West Virginia Engineer* 10, 4 (1948), 15-16.

"Gas Laws and Their Application to Gas Measurement." *Proceedings of the Eighth Annual Appalachian Gas Measurement Short Course* (1948), 452-453; Reprinted (1949), 160-161; (1950), 161-162; (1951), 11-12.

"Earthquake Seismograph." *West Virginia Engineer* 13, 4 (1951), 6.

"Seismograph Operations." *West Virginia Engineer* 14, 4 (1952), 16-17.

"Blast Seismometer." *West Virginia Engineer* 15, 4 (1953), 21.

"Basic Gas Laws." *Proceedings of the Thirteenth Annual Appalachian Gas Measurement Short Course* (1953), 35-38.

"Earthquake Seismograph Operations." *West Virginia Engineer* 16, 4 (1954), 21-22.

"Earthquake Seismology." *WVAS Proceedings* 27 (1955), 59-60.

(joint author) "Incompatible Waters Can Plug Oil Sands." *World Oil* 146 (1958), 188-190.

SCHOOL OF MUSIC

Brown, Clifford W.

ARTICLES

- "The State Supervisor of Music." *Music Educators Journal* 33, 5 (1947), 40-42.
 "Schools Can Train Accompanists." *Etude Music Magazine* 72 (1954), 60.
 "The New Music Teacher." *Music Educators Journal* 45 (1959), 62-63.

Coplin, Walter

COMPOSITIONS

- Evening Shadows* (Musical Composition for Violoncello and Piano), March, 1959. Performed: Faculty Recital, WVU School of Music Auditorium, April, 1959.

Graves, William L.

COMPOSITIONS

- Five Madrigals*, for A Cappella Chorus, 1947. Performed: Colorado College, Colorado Springs, Colorado, 1948.
Suite for Violin and Piano, 1947. Performed: Colorado College, Colorado Springs, Colorado, 1948.
Toccata for Organ (Arranged for Two Pianos) 1947. Performed: Colorado College, Colorado Springs, Colorado, 1948.
Three Songs on Poems of G. M. Hopkins, 1948. Performed: Taylor Art Gallery, Colorado Springs, Colorado, June, 1948.
Trio for Violin, Viola, and Violoncello, 1948. Performed: Taylor Art Gallery, Colorado Springs, Colorado, July, 1948.
Sonata No. 1 for Piano, 1948. Performed: Taylor Art Gallery, Colorado Springs, Colorado, July, 1948.
Sonata No. 2 for Piano, 1949. Performed: Institute of Contemporary Arts, Washington, D. C., 1949.
Two Songs on Poems of Rilke, 1950. Performed: Phillips Gallery of Art, Washington, D. C., 1950.
Song for St. Cecilia's Day, a Cantata for Solo Voice, Clarinet, String Quartet, and Piano, 1951. Performed: American University, Washington, D. C., 1951.
March for Small Orchestra, 1951. Performed: National Gallery of Art, Washington, D. C., 1952.
Song for St. Cecilia's Day, 1951. Performed: Annual Festival of Ameri-

can Music, Radio Station WNYC, New York City, 1955.

In Memoriam, for Organ, 1953. Performed: St. Bartholomew's Church, New York City, 1953.

Adagio, from *Sinfonietta for Strings*, 1953. Performed: Phillips Gallery of Art, Washington, D. C., 1953.

On the Third Day, Cantata for Solo Voice and Piano, 1953. Performed: Gallery of Art, Washington, D. C., 1957.

Set of Eight, for Piano, 1958. Performed: Festival of Fine and Lively Arts, WVU, 1961.

The Juggler, Opera in One Act, 1959. Performed: University Theater, Catholic University of America, Washington, D. C., 1959.

The Grandeur of God (Hopkins), for Voice and Piano. New York: Carl Fischer, 1959.

Three Settings of Old English Poems, for A Cappella Chorus, 1960. Performed: School of Music, WVU, 1961.

"Pills," *Choreographic Sketches*, for Chorus, Winds, Percussion, and Piano, 1961. (Danced by Orchesis Group). Performed: Festival of Fine and Lively Arts, WVU, 1961.

REVIEWS OF MUSIC

Arthur Honegger, *Concerto da Camera for Flute, English Horn, and String Orchestra*. In *Music Library Association Notes* 4 (1949), 635-636.

David Diamond, *Fourth Symphony*. In *Music Library Association Notes* 7 (1950), 310-311.

Ernst Toch, *String Quartet, Op. 70*. In *Music Library Association Notes* 7 (1950), 629-630.

BOOK REVIEWS

Gerald Abraham, *Design in Music*. In *Music Library Association Notes* 7 (1950), 480-481.

Harold Bauer, *A Primer for Practical Keyboard Modulation*. In *Music Library Association Notes* 7 (1950), 480-481.

Angela Diller, *Keyboard Harmony Course, Book IV*. In *Music Library Association Notes* 7 (1950), 480-481.

Howard A. Murphy, *Teaching Musicianship: a Manual of Methods and Materials*. In *Music Library Association Notes* 7 (1950), 572-573.

Beryl F
proach
rizing
Notes

Horace

The Wa
cago:

Sonata
Unive

Kirby,

[Transl
chord
by F.
reiter

"Herm
Journ
ical S

Jacobus
Ed. b
of th
ciety

Lefkof

Five S
Book
Unive
208pp

Adagio
1953.

tion
Cond
Univ
1953.

Sonata
form
Amer
ors
Wash

Unacco
Perfo
Theo
Capi
Octol

Canzon
Quan

SCHOOL OF MUSIC

Beryl Rubinstein, *The Pianist's Approach to Sight-Reading and Memorizing*. In *Music Library Association Notes* 7 (1950), 480-481.

Horacek, Leo

BOOKS

The Way to Music on the Guitar. Chicago: McKinley, 1947.

COMPOSITIONS

Sonata for Violin. 1951. Performed: University of Kansas.

Kirby, Frank E.

BOOKS

[Translation] Hanns Neupert, *Harpsichord Manual*. English Translation by F. E. Kirby. Kassel, N. Y.: Barenreiter-Verlag, 1960, 105, xvpp.

ARTICLES

"Hermann Finck's *Practica musica*." *Journal of the American Musicological Society* 11 (1958), 82-83.

BOOK REVIEWS

Jacobus Leodensis, *Speculum musicae*, Ed. by R. Bragard, Vol. 1. In *Journal of the American Musicological Society* 12 (1959), 233-236.

Lefkoff, Gerald

BOOKS

Five Sixteenth Century Venetian Lute Books. Washington: The Catholic University of America Press, 1960, 208pp.

COMPOSITIONS

Adagio and Allegro for String Quartet, 1953. Performed: National Association of American Composers and Conductors Concert at American University, Washington, D. C., May, 1953.

Sonata for Viola and Piano, 1953. Performed: National Association of American Composers and Conductors Concert at Mexican Embassy, Washington, D. C., December, 1953.

Unaccompanied Viola Sonata, 1959. Performed: Symposium of Ohio Theory-Composition Teachers at Capitol University, Columbus, Ohio, October, 1959.

Canzona and Ricercare for Woodwind Quartet, 1959. Performed: Sigma

Alpha Iota's American Music Festival, Bowling Green State University, Bowling Green, Ohio, January, 1960.

String Quartet, 1954. Performed: Original Music Festival, Bowling Green State University, Bowling Green, Ohio, May, 1960.

Schafer, George E.

COMPOSITIONS

Woodwind Quintet. 1948; Revised, 1955. Performed: Rochester, N. Y.

The Lottery, a Ballet in One Act. 1954. Performed in Concert: Rochester, N. Y., 1954. Staged and Performed with Orchestra: Morgantown, West Virginia, 1955.

Missa Trinitatis, 1953. Performed: Morgantown, W. Va. 1958, 1959.

Two Pieces for Christmas: Veni Emmanuel; Tintinnabulation. (For Organ.) St. Louis: Concordia Publishing House, 1958.

Scott, Jane C.

BOOKS

Pre-Harmony Theory. Stockton, Calif.: University of the Pacific, 1952, 204pp.

Performing Artists

Francis Borkowski—*Clarinetist*; Formerly clarinetist of Indianapolis Symphony Orchestra.

Arno Drucker—*Concert Pianist*; Member of American Arts Trio; Studied at Akademie für Music, Vienna; Mozarteum, Salzburg; American and European tours.

Ruth Landes Drucker — *Soprano*; Studied at Akademie für Music, Vienna; Mozarteum, Salzburg; American and European tours.

Richard E. Duncan—*Conductor*; Student of Koussevitsky; Formerly Founder and Musical Director Omaha Symphony Orchestra, Omaha Lyric Theatre.

Jon E. Engberg — *Concert 'Cellist*; Member of American Arts Trio; Formerly 'cellist with Rochester Philharmonic and Rochester Civic Orchestras. American and European tours.

SCHOOL OF NURSING

Clyde N. English—*Organist*; D.S.M., School of Sacred Music, Union Theological Seminary; American Guild of Organists; concerts in major cities of United States.

Herman Godes—*Concert Pianist*; Student of Walter Giesekeing and Robert Casadesus; American and European tours; four Town Hall recitals.

Joseph Golz—*Choral and Opera Conductor*; American and European performances.

Richard B. Hiltz—*Trombonist*; Formerly first trombonist of Oklahoma Symphony Orchestra.

Gerald Lefkoff—*Concert Violist*; Formerly with National Symphony, New Orleans Philharmonic, Longine Symphonette.

Donald C. Portnoy—*Concert Violinist*; Member of American Arts Trio; Studied at Juilliard School of Music. American and European tours.

SCHOOL OF NURSING

Major, Dorothy Mae

EDITORSHIPS

Florida State Nurses' Association. *Bulletin*, 1946-1957.

ARTICLES

"Pensacola Launches Vocational Nursing Course." *School Director* 4, 4 (1950), 6+.

"Career Planning of High-Ranking Students." *Nursing Research* 10 (1961), 68-74.

Massey, W. Annette

ARTICLES

"15,000 Miles, Colombo-London, in a 1952 Coupe." *Modern Motoring and Travel* (October, 1955), 23-26.

"Sita Becomes a Nurse." *United Nations Review* 4, 12 (1958), 11-13.

Suhrie, Eleanor B.

ARTICLES

"The Importance of Listening." *Nursing Outlook* 8 (1960), 686-687.

Bachma

"The Sy
tuted R
ican
Scienti

Blissitt

"Compa
tivity
Suppo
Pharm
56-58.

Core,

"Separa
quinc
phore
Phar
tific

Haym

"Your
ginic
"Addre
Amo
Edu
"The
fect
Pha
"The
Jou
tion
388
"The
Am
Edu

SCHOOL OF PHARMACY

Bachmann, R. O.

ARTICLES

- "The Synthesis of Certain Disubstituted Piperidines." *Journal of American Pharmaceutical Association*, Scientific Edition 40 (1951), 44-46.

Blissitt, Charles William

ARTICLES

- "Comparison of the Antibacterial Activity of Erythromycin in Various Suppository Bases." *Journal of Pharmaceutical Sciences* 50 (1961), 56-58.

Core, Alfred C.

ARTICLES

- "Separation of Some Hydroxyanthraquinones by Filter Paper Electrophoresis." *Journal of the American Pharmaceutical Association*, Scientific Ed. 47 (1958), 513-515.

Hayman, J. Lester

ARTICLES

- "Your Secretary Speaks." *West Virginia Pharmacist* 1, 1 (1948), 7.
 "Address of the Incoming President." *American Journal of Pharmaceutical Education* 12 (1948), 652-665.
 "The Pharmaceutical Survey as it Affects Education." *West Virginia Pharmacist* 1, 11 (1948), 5-6, 14.
 "The President's Page." *American Journal of Pharmaceutical Education* 13 (1949), 185-186; 13 (1949), 388-389.
 "The Address of the President." *American Journal of Pharmaceutical Education* 13 (1949), 550-552.

"Pharmacist High Lights." *West Virginia Pharmacist* 6, 4 (1953), 15, 17.

"Report of the College of Pharmacy." *West Virginia Pharmacist* 6, 10 (1953), 24-30.

"Report of the College of Pharmacy." *West Virginia Pharmacist* 7, 10 (1954), 30.

"Report of the College of Pharmacy." *West Virginia Pharmacist* 8, 9 (1955), 21+.

"Dr. Roy Bird Cook, The Medallist as a Pharmacist and Board Secretary." *West Virginia Pharmacist* 9, 1 (1956), 12-17.

"Report of the College of Pharmacy." *West Virginia Pharmacist* 9, 9 (1956), 14-17.

"Report of the College of Pharmacy." *West Virginia Pharmacist* 10, 11 (1957), 13-17.

"Report of the School of Pharmacy." *West Virginia Pharmacist* 11, 11 (1958), 13-15.

"Remarks of the President-Elect, West Virginia State Pharmaceutical Association." *West Virginia Pharmacist* 12, 9 (1959), 16+.

"Message from the President." *West Virginia Pharmacist Monthly*, V. 12, No. 11 (1959), — V. 13, No. 8 (1960).

"The School of Pharmacy, Medical Center, West Virginia University." *American Journal of Pharmaceutical Education* 24 (1960), 135-138.

O'Connell, Frank D.

ARTICLES

- (joint author) "The Alkaloid of *Banisteriopsis inebrians* Morton." *Journal of the American Pharmaceutical Association*, Scientific Edition 42 (1953), 753-754.

SCHOOL OF PHYSICAL AND HEALTH EDUCATION, RECREATION, AND SAFETY

Barnette, William Quentin

ARTICLES

- "Basketball: Pressing Man-to-Man Defenses." *Athletic Journal* 29, 5 (1949), 20, 66-68.

Duncan, Ray O.

BOOKS

- (joint author) *Administration of Physical Education*. New York: Prentice-Hall, 1951, 319pp.
(joint author) *Physical Education for High School Students*. Washington, D. C.: American Association for Health, Physical Education, and Recreation, 1955, 404pp.
(joint author) *Introduction to Physical Education*. New York: Ronald Press, 1960, 204pp.

MONOGRAPHS

- Play Six-Man Football*, National Sporting Goods Association, 1948.
Play Six-Man Football, Chicago, Illinois: The Athletic Institute, 1951.
Suggestions for Improving the Curriculum in Physical Education for High School Boys, Illinois Curriculum Program, Bulletin No. 19. Springfield, Illinois: Dept. of Public Instruction, 1954, 92pp.
Six-Man Football, New York: A. S. Barnes, 1954, 88pp.

CHAPTERS AND SECTIONS

- "Scope of Interscholastic Athletics." In *Current Administrative Problems*, American Association for Health, Physical Education and Recreation. Washington, D. C.: The Association, 1960, 87-91.

ARTICLES

- "Children in Illinois Like to Dance." *Recreation* 41 (1947), 189-190.
"It's Important to Win That Game." *Illinois Education* 37 (1949), 161-162.
"Are Your School Children Safe?" *Illinois Education* 38 (1949), 26-28.
"The Growth and Development Approach." *Journal of the American Association for Health, Physical Education, and Recreation* 22 (1951), 36-37.
"Don't Neglect the Service Program." *Physical Educator* 10 (1953), 50.

- "What Can be Done About Gambling?" *Bulletin of the National Association of Secondary School Principals* 37 (1953), 128-129.

- "The Great Debate of 1953." *Physical Educator* 11 (1954), 7-8.
"The Contribution of School Athletics to the Growing Boy." *Journal of Educational Sociology* 28 (1955), 271-274.
"Desirable Trends in Athletics." *Physical Educator* 13 (1956), 42.
"The AAHPER Family." *Journal of Health, Physical Education and Recreation* 27, 7 (1956), 85.
"Forward with Fitness in '58." *Journal of Health, Physical Education and Recreation* 28 (1957), 17.
"Teamwork for Fitness." *Journal of Health, Physical Education and Recreation* 28 (1957), 23+.
"Fitness for What." *Today's Health* 35, 12 (1957), 13.
"Building Professional Pride Through Professional Reading." *Journal of Health, Physical Education and Recreation* 30 (1959), 34.
"The Administrator." *Physical Educator* 17 (1960), 53.
"The Scope of Interscholastic Athletics." *Bulletin of the National Association of Secondary-School Principals* 44 (1960), 87-91.

Harrick, Steve

MONOGRAPHS

- ABC's of Wrestling for Beginners*. WVU School of Physical Education, 1960, 35pp.

ARTICLES

- "Postwar Baseball in West Virginia." *Athletic Journal* 30, 8 (1950), 16.
"Wrestling Gives Small Boys a Chance." *West Virginia School Journal* 79, 8 (1951), 18.
"Wrestling Take-Downs." *Athletic Journal* 5 (1956), 24, 28.
"Better Batting." *Coach and Athlete* 19, 8 (1957), 14, 29.
"Lead Arm in Batting Baseball." *Athletic Journal* 39, 4 (1958), 20, 43.

Tork, Patrick A.

ARTICLES

- "Meet You at the Rink." *Recreation Magazine* 39 (1945), 293.

SCHOOL O

"Bowling a
cal Edu
Program
Physical
"Workshop
Education
36, 1 (19
"On Upswi
ball Off
and Ath
"No Quar
Physical
Coach an
"Take it f
tors." W
88, 2 (19

Yost, Ch

A Course o
fic Safe
W. Va.:
tion, 195
(Editor)
Safety E
sity of
sion Pub
Safety Cr
Wisconsi
Public I

ut Gambling?"
al Association
Principals 37

953." *Physical*
S.
School Athletics
" *Journal of*
y 28 (1955)

letics." *Physi-*
6), 42.
" *Journal of*
ation and Rec-
85.

n '58." *Journal*
Education and
17.

" *Journal of*
ation and Rec-
r.

oday's Health

Pride Through
" *Journal of*
ation and Rec-

Physical Educa-

cholastic Ath-
e National As-
-School Princi-

S
or Beginners.
cal Education,

est Virginia."
(1950), 16.
all Boys a
i School Jour-

as." *Athletic*
28.
and Athlete

Baseball." *Ath-*
(58), 20, 43.

" *Recreation*
93.

"Bowling as a Recreational and Physi-
cal Education Activity in the School
Program." *Journal of Health and*
Physical Education 16 (1945), 42+.

"Workshops." *West Virginia Physical*
Education Association Newsletter
36, 1 (1946).

"On Upswing in West Virginia—Foot-
ball Officiating." *Southern Coach*
and Athlete 13, 4 (1950), 18+.

"No Quarrel Between Athletics and
Physical Education." *Southern*
Coach and Athlete 19, 1 (1956), 22+.

"Take it from Here, Physical Educa-
tors." *West Virginia School Journal*
88, 2 (1959), 21+.

Yost, Charles Peter

MONOGRAPHS

A *Course of Study in Driver and Traf-
fic Safety Education*. Charleston,
W. Va.: State Department of Educa-
tion, 1957, 56pp.

(Editor) *Teacher Preparation in*
Safety Education. Madison: Univer-
sity of Wisconsin Extension Divi-
sion Publication 1959, 129pp.

Safety Curriculum Guide. Madison,
Wisconsin: State Department of
Public Instruction, 1960, 63pp.

CHAPTERS AND SECTIONS

(Contributor and Reviewer) *Highway*
Safety and Driver Education. Engle-
wood Cliffs, New Jersey: Prentice-
Hall, 1956, 464pp.

(Contributor and Reviewer) *Better*
Driving. Englewood Cliffs, New Jer-
sey: Prentice-Hall, 1958, 130pp.

(Contributor and Reviewer) *Man and*
the Motor Car. Englewood Cliffs,
New Jersey: Prentice-Hall, 1959,
353pp.

ARTICLES

"An Analysis of Graduate Theses in
School Safety in the United States
from 1925 to 1950." *School and Col-
lege Safety, National Safety Con-
gress Transactions* 26 (1957), 13-17.

"Report on Pilot Study for Driver
Education Teachers on Winter Driv-
ing Hazards." *School and College*
Safety, National Safety Congress
Transactions 24 (1959), 106-109.

"Research in Safety Education."
Safety Education 38 (1958), 5-7; 40.

"Who Should Teach Safety." *Bulletin*
*of the National Association of Sec-
ondary-School Principals* 44 (1960),
175-178.

INDEX

A

Ackerman, Richard A., 13, 14
 Adams, John D., 66
 Adams, Robert E., 19
 Albrink, Margaret Joralemon, 83
 Albrink, Wilhelm S., 93, 94
 Alvis, Vance Quentin, 62
 Amory, Harold L., 109
 Anderson, G. C., 8, 9
 Anderson, James T., 74
 Anderson, William Evan, 84
 Andrews, Charles E., 84
 Armentrout, Walter W., 3
 Armstrong, William H., 74
 Atkins, Paul Alexander, 75

B

Bachmann, R. O., 121
 Bagby, Wesley M., 47
 Bailey, Benjamin H., 68
 Baker, Wilfred H., 73
 Barnett, Horace L., 19, 20, 21
 Barnette, William Quentin, 122
 Barns, William D., 47, 48
 Bartholomew, Elizabeth Ann, 33
 Biddington, William Robert, 66
 Bishop, Carter R., 41
 Blissitt, Charles William, 121
 Bloor, Byron M., 109, 110
 Boggs, Earl R., 68
 Bond, Donovan H., 75
 Borkowski, Francis, 119
 Boyer, Charles C., 81, 82
 Boyers, Fred E., 67
 Brawner, James Paul, 42
 Breiding, George H., 6
 Brochick, Anna, 68
 Brouzas, Christopher G., 41
 Brown, Clifford W., 118
 Brown, Londo H., 76
 Brown, Sara Ann, 30
 Burchinal, Jerry Cameron, 73
 Burford, Arthur E., 45
 Burger, Othmar J., 7
 Burke, William T., 78
 Buswell, Mary Catherine, 42
 Butler, Russell Clarke, 5

C

Campbell, John L., 67
 Campbell, Thomas C., 62
 Canady, William J., 78, 79
 Caruso, John Anthony, 48
 Carvell, Kenneth L., 28, 29
 Childs, W. H., 17
 Chitwood, Oliver P., 48, 49
 Clarkson, John D., 31
 Clarkson, Roy B., 33
 Clovis, Jesse F., 33
 Coffindaffer, Billy L., 6, 7
 Coleman, Raymond W., 62
 Colson, Clyde L., 76
 Condry, Raphael J., 84
 Conn, Rex B., Jr., 84
 Cook, Kermit A., 68, 69
 Coplin, Walter, 118
 Core, Alfred C., 121
 Core, Earl Lemley, 33, 34, 35
 Cresswell, J. R., 52
 Crocker, Stephen F., 42
 Curtis, Quin F., 53

D

Dana, Richard H., 53
 Davis, John B., 67
 Davis, Leonard M., 60
 Davis, Lloyd M., 42
 Deal, Samuel J., 91
 Decker, Robert L., 54
 Dickerson, Walter H., 5
 Donaldson, Alan C., 45
 Dorsey, Carl K., 21
 Dozsa, Leslie, 9, 10
 Draper, John W., 42, 43, 44
 Drucker, Arno, 119
 Drucker, Ruth Landes, 119
 Dunbar, R. S., Jr., 14
 Duncan, Richard E., 119
 Dyson, James E., 91

E

Easton, Jason C., 49
 Easton, Joy B., 51
 Elliott, Edward S., 21, 22
 Engberg, Jon E., 119

INDEX

English, Clyde N., 120
Ennis, Thomas E., 49, 50
Evans, Homer C., 4

F

Fairbanks, Harold V., 70
Ferguson, Donald C., 54
Fisher, Francis P., 75
Fishman, Betty G., 62, 63
Fishman, Leo, 63, 64
Fleming, William W., 95
Flink, Edmund B., 84, 85, 86, 87
Foster, Ruel E., 44
Fowler, Robert D., 74
Fraleigh, Claud Mahlon, 67
Frasure, Carl M., 56
Freedman, Ben F., 31, 32
Fridley, Harry M., 45
Fry, Alderson, 77
Fugo Nicholas W., 92, 93

G

Galli, Alfred F., 71
Gangloff, E. C., 79
Gavett, Thomas W., 64
Gerwig, Walter H., Jr., 110, 111
Gibbard, Harold A., 59, 60
Gibson, John A., Jr., 36, 37
Gilkey, Royal C., 56, 57
Gillespie, William H., 45, 46
Gladfelter, Wilbert E., 99
Glick, L. Michael, 87
Godes, Herman, 120
Golay, John F., 50
Goldberg, Erwin, 35, 36
Golz, Joseph, 120
Goodge, William R., 82
Goodspeed, Allen W., 29
Gould, Henry W., 51, 52
Graves, William L., 118, 119
Graybeal, Jack D., 37
Greco, Robert, 93

H

Hall, George A., 37
Hall, James L., 37, 38
Hall, John E., 91

Ham, F. Gerald, 77
Hanna, Roscoe E., Jr., 117
Harley, John B., 87
Harrick, Steve, 122
Hayhurst, Donald E., 57
Hayman, J. Lester, 121
Heald, Milton T., 46
Heiskell, Edgar F., Jr., 111
Henning, James H., 60, 61
Herrera y Sanchez, Francisco, 58
Hewes, C. Gordon, 82
Hickman, James B., 38, 39
Higginbotham, A. C., 89, 90
Hilts, Richard B., 120
Hoke, Margaret Price, 44
Horacek, Leo, 119
Horvath, Donald J., 10, 11
Howard, John W., 67
Hudelson, Earl, 69
Humphrey, George L., 39
Hyre, Harold M., 26, 27

I, J

Isaack, Thomas S., 64
Jefimenko, Oleg, 54, 55
Johnson, Melvin W., 7
Johnson, Robert J., 82, 83
Johnston, John H., 44, 45
Jones, Barbara, 94
Jones, Ernest L., 65
Jones, Paul R., 71
Jones, Richard E., 111
Jung, Gerald A., 7

K

Kelln, Elmer E., 66
Kennedy, Eddie C., 69
Kenny, Alexander D., 96
Kent, James A., 71
Kidder, Harold E., 11
Kirby, Frank E., 119
Klingberg, William G., 94
Koehler, W. A., 71, 72
Koppel, Donald M., 87
Krause, Reginald F., 79, 80
Krauskopf, Frances, 50, 51
Kreer, John B., 74
Kulman, Herbert M., 22

INDEX

L

Laird, Richard W., 117
 Lawless, John J., 87, 88
 Lazzell, Charles L., 39, 40
 Leach, Julian G., 22
 Lefkoff, Gerald, 119, 120
 Lemke, Victor J., 47
 Levine, Mortimer, 51
 Lewis, Walter R., 1
 Lilly, Virgil G., 23, 24
 Lindsay, Hugh A., 99, 100
 Longhouse, Alfred D., 6
 Lorensen, Willard D., 76
 Lotspeich, Frederick J., 80
 Lucas, Russell V., Jr., 95
 Luchsinger, Wayne W., 1
 Ludlum, John C., 46, 47
 Lugar, Marlyn E., 76

Mc

McBee, James L., Jr., 11
 McBride, Arthur C., 58
 McIntosh, Kenneth D., 4
 McLaren, George A., 2

M

MacDowell, Denis W. H., 40
 Major, Dorothy Mae, 120
 Manning, Warren F., 59
 Marsh, Ray Stanley, 17
 Marshall, Robert James, 88
 Martin, William G., 27
 Mascoli, Carmine Charles, 91
 Massey, W. Annette, 120
 Maxwell, George Ralph, 89
 Milam, D. Franklin, 111
 Miller, Delmas F., 69
 Miller, Paul A., 60
 Mitchell, Ralph G., 14
 Moh, Za Lee, 73
 Montiegel, Ethel C., 36
 Moran, Walter H., Jr., 111, 112
 Morris, William O., 76
 Moss, Joe F., 32, 33
 Mowlem, Albert, 112
 Munn, Robert F., 77
 Mutch, Robert S., 89
 Muth, Chester William, 40

N, O

Neal, Oliver Meader, Jr., 17, 18
 Nelson, George H., 80
 Nesius, Ernest J., 4, 5
 Nesselroad, Paul E., 5
 Nine, E. Grant, 69
 Norman, Charles, 14, 15
 Northup, David W., 100, 101, 102
 Noyes, Honora M., 64
 O'Connell, Frank D., 121
 Olson, Norman O., 11, 12, 13
 Overberger, James E., 66

P

Patrick, Homer, 27, 28
 Paul, Armine D., 40, 41
 Pavlovic, Arthur S., 55
 Penrod, Kenneth E., 102, 103, 104
 Phillips, Ruth M., 95
 Pohlman, George G., 7
 Popovich, Peter, 41
 Porterfield, Ira D., 15, 16
 Portnoy, Donald C., 120
 Pride, Cecil Benjamin, 112

Q, R

Quinn, David O., 24
 Rakes, Allen H., 16
 Randolph, Kenneth V., 66
 Rankin, Robert E., 54
 Reid, Robert Leslie, 2, 3
 Rexroad, Harvey Nixon, 55
 Reyer, Randall W., 90
 Robinson, Robert L., 97

S

Sami, Sabri, 73
 Sassouni, Viken, 67
 Sausen, Robert E., 66
 Saxe, LeRoy H., 97, 98
 Schafer, George E., 119
 Schaub, James H., 73
 Schlanger, Bernard B., 61
 Schubert, Oscar E., 18
 Scott, Jane C., 119

INDEX

Shafer, James N., 54
 Shelton, Damon C., 80, 81
 Shetler, Charles, 77
 Simmons, Howard P., 72
 Singer, Armand E., 59
 Sizer, Leonard M., 5
 Slack, John M., 92
 Sleeth, Clark K., 89
 Smith, Robert Leo, 29
 Smith, Sara R., 51
 Steel, Edward M., 51
 Stemple, Ruth M., 77
 Stewart, Irvin, 57
 Stickney, J. Clifford, 104, 105
 Stilwell, Robert, 47
 Stuart, Edward G., 94
 Sturm, Albert Lee, 57, 58
 Suhrie, Eleanor B., 120
 Summers, Festus P., 51
 Swecker, John B., 5

T

Tarnay, Thomas J., 112
 Thomas, Arthur R., 54
 Thomas, Charles D., 56
 Thomas, Robert H., 16
 Thompson, C. T., 93
 Thompson, James H., 64, 65
 Toben, George E., 5
 Tolbert, Robert J., 36
 Tork, Patrick A., 122, 123
 Trotter, Robert Russell, 112
 True, Rodney P., 24, 25, 26
 Tryon, Earl H., 29, 30

V

van Eck, Willem A., 7, 8
 VanLandingham, Audrey H., 3
 Van Liere, Edward J., 105, 106, 107,
 108, 109
 Veatch, Collins, 8
 Vest, Marvin L., 52
 Viggiano, Michael Anthony, 92
 Vincent, Vern H., 65

W

Wall, Roy E., 116
 Walters, Richard E., 70
 Warden, Herbert E., 112, 113, 114
 Watts, Daniel T., 98, 99
 Weese, Samuel J., 16, 17
 Welch, James A., 13
 Welch, John T., 67
 Wells, Dana, 47
 Wen, Chin-Yung, 72, 73
 Westover, Kyle C., 18
 Wiley, James H., 114
 Wilhelm, Dale L., 41
 Williams, John R., 58
 Williams, T. Walley, 91
 Wilson, Harold A., 26
 Wilson, Roderick W., 56
 Wilson, Quintus C., 75
 Wilt, May L., 69
 Winston, Anthony, 41

Y, Z

Young, James R., 75
 Yost, Charles Peter, 123
 Zimmermann, Bernard, 114, 115, 116

